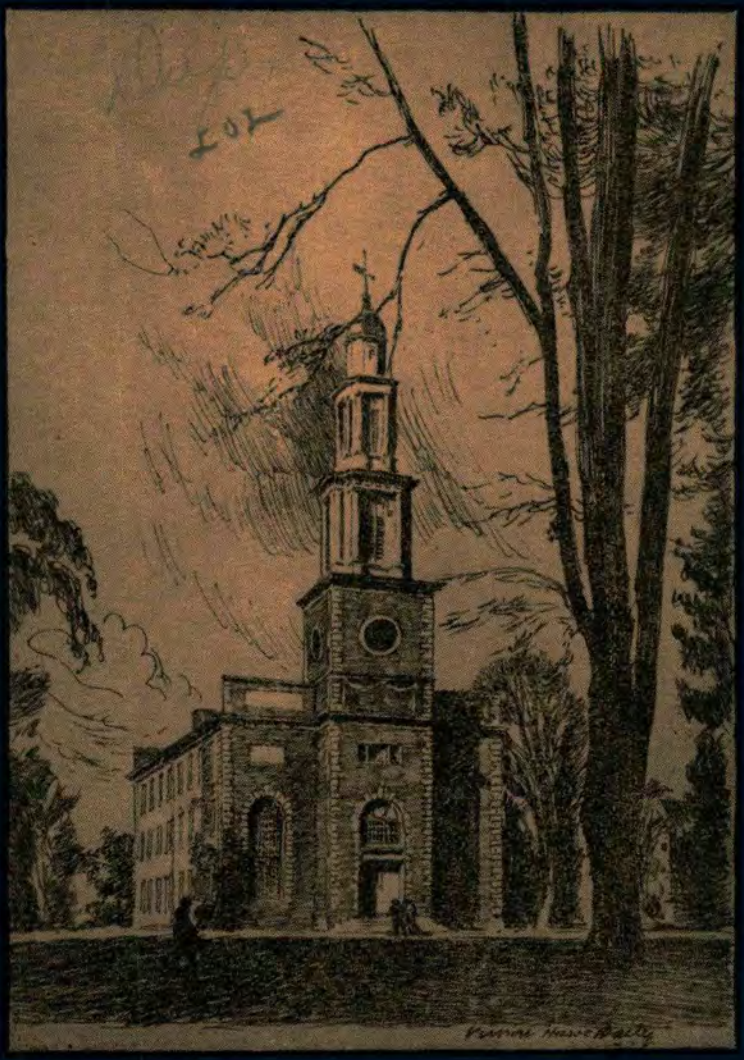

HAMILTON COLLEGE CATALOGUE

1949 - 1950

HAMILTON COLLEGE

CATALOGUE
1949 • 1950

CLINTON, NEW YORK

"There is great danger that the young people of these days will fail to establish for themselves proper standards of values but will decide that the chief things in life are those which money will buy—things that exist today and are gone tomorrow; forgetting for a time that the things which are best are found in a broad knowledge of men and affairs, a sterling character, the ability to think straight and translate thought into action. It is of the utmost importance to the welfare of our nation that the young learn what is most worth while in life. No other agency is at all so well fitted to do this as the small college if properly equipped and properly conducted."—Elihu Root

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CALENDAR

1949

September

10-14, *Saturday to Wednesday.* Freshman Induction.
12-14, *Monday to Wednesday.* Registration for upper classes.
15, *Thursday.* Beginning of the academic year, 8 a. m.

October

8, *Saturday.* Fall house parties.

November

5, *Saturday.* Mid-semester warnings due.
23, *Wednesday.* Thanksgiving recess begins, 4:30 p.m.
28, *Monday.* Thanksgiving recess ends, 8:30 a. m.

December

21, *Wednesday.* Christmas recess begins, 4:30 p. m.

1950

January

5, *Thursday.* Christmas recess ends, 8:30 a.m.
16-25, *Monday to Wednesday.* Semester examinations.
30, *Monday.* Beginning of the second semester, 8:30 a. m.

February

4, *Saturday.* Fraternity initiations. Alumni week-end.

March

4, *Saturday.* Winter carnival.
18, *Saturday.* Mid-semester warnings due.
25, *Saturday.* Spring recess begins, 12:30 p. m.

COLLEGE CALENDAR

APRIL

4, *Tuesday*. Spring recess ends, 8:30 a. m.

MAY

6, *Saturday*. Spring house parties.
13, *Saturday*. Submission of course elections for 1950-51.
24, *Wednesday*. Class and Charter Day.
29, *Monday*, to June 7, *Wednesday*. Semester examinations.

JUNE

11, *Sunday*. Commencement.

SEPTEMBER

16-20, *Saturday to Wednesday*. Freshman Induction.
18-20, *Monday to Wednesday*. Registration for upper classes.
21, *Thursday*. Beginning of the academic year, 8 a. m.

OCTOBER

21, *Saturday*. Fall house parties.

NOVEMBER

11, *Saturday*. Mid-semester warnings due.
18, *Saturday*. Union game. Alumni week-end.
29, *Wednesday*. Thanksgiving recess begins, 4:30 p. m.

DECEMBER

4, *Monday*. Thanksgiving recess ends, 8:30 a. m.
21, *Thursday*. Christmas recess begins, 4:30 p. m.

1951

JANUARY

5, *Friday*. Christmas recess ends, 8:30 a. m.
22-31, *Monday to Wednesday*. Semester examinations.

FEBRUARY

5, *Monday*. Beginning of the second semester, 8:30 a. m.

THE TRUSTEES

	First Elected	*Present Term Expires*
DANIEL BURKE*, LL.D., New York	1913	Life
JOHN L. STRICKLAND, A.B., Utica	1923	1951
C. WILLARD RICE*, A.B., Geneva	1924	Life
ELIHU ROOT, JR., LL.D., New York	1924	1952
CLARK H. MINOR*, D.Eng., New York, *Chairman*	1927	Life
NEILE F. TOWNER*, A.B., Albany	1927	Life
FREDERIC P. WARFIELD*, A.B., New York	1928	Life
LOUIS J. EHRET, Ph.M., New York	1929	1950
GEORGE L. ABBOTT, Ph.B., Palmyra	1932	1952
EDWARD R. EVANS, M.D., Utica	1932	1952
STANLEY E. GILBERT, Ph.B., Utica	1933	1953
HENRY P. BRISTOL, A.M., New York	1935	1955
THOMAS BROWN RUDD, LL.D., Clinton	1935	1955
EDGAR W. COUPER, A.B., Binghamton	1937	1951
GEORGE F. GENTES, B.S., New York, *Treasurer*	1937	1951
IRVING M. IVES, LL.D., Norwich	1942	1952
CLANCY D. CONNELL, A.B., New York, *Vice-Chairman*	1944	1951
CARL B. WENIGMANN, Ph.B., Lowell, Mass.	1945	1952
WILLARD B. EDDY, B.S., Rochester	1946	1953
JOHN H. GARDNER, D.D., Baltimore, Md.	1946	1952
JEFFERSON F. MEAGHER, A.B., Binghamton, *Clerk*	1946	1951
FRED H. HAGGERSON, New York	1947	1953
CHARLES F. HEMENWAY, A.B., Chicago, Ill.	1947	1953
WILLIAM D. LOVE, A.B., Berkeley, Calif.	1947	1950
COLEMAN BURKE, A.B., New York	1948	1954
GRANT KEEHN, M.B.A., New York	1948	1952
RICHARD G. RAITT, B.S., Elmira	1948	1954
ROBERT W. MCEWEN, Ph.D., LL.D., Clinton	1948	
WILLIAM C. BOLENIUS, A.B., New York	1949	1954
VINCENT R. SMALLEY, A.B., New York	1949	1949
LEONARD C. FERGUSON, A.B., Freeport, Ill.	1949	1955
PHILIP C. JESSUP, LL.D., New York	1949	1955
ROBERT P. BAGG, Ph.B., New York	1949	1950

* Emeritus.

COMMITTEES OF THE TRUSTEES

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MESSRS. COUPER, EDDY, EVANS, GARDNER, JESSUP, MEAGHER.

COMMITTEE ON BUILDINGS, GROUNDS, AND EQUIPMENT

MESSRS. BRISTOL, BAGG, EDDY, GILBERT, RUDD, STRICKLAND, WENIGMANN.

COMMITTEE ON NOMINATIONS

MESSRS. CONNELL, ABBOTT, BOLENIUS, LOVE, ROOT, TOWNER.

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MESSRS. DANIEL BURKE, BRISTOL, GENTES, HAGGERSON, KEEHN, ROOT.

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A.B., Macalester; B.D., McCormick Theological;
A.M. and Ph.D., Chicago; LL.D., Hamilton
President

•

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B.A. and A.M., Toronto; D.Sc., Cornell
Professor of Physics, Emeritus

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A.B. and A.M., Hamilton; LITT.D., Rollins
Librarian, Emeritus

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Childs Professor of Agricultural and General Chemistry, Emeritus

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Benjamin-Bates Professor of Latin, Emeritus

HORACE SEELY BROWN
B.S. and M.S., Lafayette
Professor of Mathematics, Emeritus

PAUL ADEE FANCHER
A.B., Amherst; A.M., Columbia
Professor of English and Director of the Choir, Emeritus

•

* Arranged in order of appointment to rank.

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Hamilton B. Tompkins Professor of English Literature

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Professor of Music and Director of the Choir

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Upson Professor of Rhetoric and Oratory

GEORGE HARVEY CAMERON
B.Sc., Saskatchewan; PH.D., California Institute of Technology
Professor of Physics

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* Absent on leave during 1949-50.

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Professor of Mathematics

ASA EMANUEL MCKINNEY
A.B. and A.M., Indiana; PH.D., Cornell
Professor of Chemistry

MOX ARTHUR WEBER
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Professor of Physical Education

GEORGE LYMAN NESBITT
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Professor of Latin

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Dean

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PH.D., Texas
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JAMES FRED COLOPY ..... *Bookkeeper*
JEAN ANNE JACKSON .... *Secretary to the Secretary of the College*
MRS. ARLENE CAMP JENNEY ..... *Secretary to the Controller*
HELEN ELIZABETH KOWAL ..... *Bookkeeper*
NAOMI EILEEN POWERS ..... *Secretary of the Assistant Controller*
WILLIAM JOHN PRITCHARD
Photographer and Secretary to the Bureau of Public Relations

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MARIAN CLARISSA SNYDER, *Secretary to the Secretary of Admissions*
MARGARET MARY WAITT ..... *Secretary to the Dean*

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MRS. ETHEL TORREY CAMERON ..... *Alumni Records*
JOHN LEO GAFFNEY ..... *Manager of the College Store*
RUTH BENTON SWARTWOUT ..... *Bookkeeper*

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RICHARD D. EVANS, M.D. ..... *College Physician*
MARJORIE J. WILSON, R.N. ..... *College Nurse*
NANCY A. WAKELEY, R.N. ..... *College Nurse*

GYMNASIUM

NEWTON B. BRYDEN ..... *Trainer*
WILLIAM HUMPHREY ..... *Superintendent of the Athletic Plant*
MARY JEANNE LENHARDT ..... *Secretary*

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Studies: MESSRS. PATTERSON, GRAVES, HUNT, LIEDKE, MCKINNEY, NESBITT, TOLLES.

Admissions and Scholarships: MESSRS. RISTINE, BENNETT (*Secretary*), CAMERON, TOLLES, WEBER.

Library: MESSRS. WILDER, COUNT, MATTINGLY, OXLEY, RUDD.

Graduate Instruction: MESSRS. RISTINE, GRAVES, MCKINNEY.

Lectures, Music, and Exhibitions: MESSRS. TOLLES, BOWIE, GAMBS, PARKER, SHUTE, WILDER.

Student Activities: MESSRS. TOLLES, HUNT, JOHNSTON, PARKER, WEBER.

Memorial Room: MESSRS. ROGERS, BENNETT, ELLIS, RUDD, WILDER.

Appointments: MESSRS. CAMERON, BLYTH, PATTERSON.

Reading: MESSRS. MARSH, ELLIS, HAYNER, HUNT, JOHNSTON, PATTON.

Board of Review: MESSRS. TOLLES, CAMERON, GERE, GRAVES, NESBITT.

Pre-Medical: MESSRS. ROGERS, CAMERON, HESS, MCKINNEY, TOLLES.

Post-Graduate Studies: MESSRS. TOLLES, COUNT, GAMBS, HAYNER, ROGERS.

GENERAL INFORMATION

BEGINNINGS OF HAMILTON COLLEGE

Hamilton College is the outgrowth of the labors of Samuel Kirkland, missionary to the Oneida Indians through the latter half of the eighteenth century. At the beginning of the Revolutionary War, Kirkland's influence drew many of the Iroquois to the Colonial cause and materially contributed to the successful issue of the Battle of Oriskany and the relief of Fort Stanwix. This service and others during the Revolution, followed by frequent interposition in behalf of friendly relations between the Indians and the white settlers, won for Kirkland the confidence and regard of Washington and Hamilton. When Kirkland determined to establish a school for the Indians and the sons of pioneers, Hamilton gave his support to the project and became the first trustee of the Hamilton Oneida Academy. The Academy was chartered by the Regents of the University of the State of New York on January 29, 1793. The State and the Indians had granted to Kirkland in 1788 a tract of wild land in what is now the Town of Kirkland; a portion of this grant was set aside for the new institution. Here, in a small clearing, at a spot just south of the present chapel, the cornerstone of the first building was laid by Baron von Steuben on July 1, 1794. The school expanded until in 1810 it had 170 students. Two years later, on May 26, 1812, the college charter was granted. Of the more than fifteen hundred institutions of higher learning in the United States, Hamilton stands thirtieth in order of founding.

PURPOSE

Hamilton College accepts as its primary purpose the intellectual training of its students. It is mindful as well of its obligation for their physical, social, moral, and emotional development, and attempts to provide for these aspects of their education by affording ample equipment, wholesome environment, desirable associations, and wise counsel. The College, while not under denominational control, is distinctly Christian, and requires attendance of its students at the chapel service on Sunday. As a liberal arts college it strives by the various means at its disposal to give

breadth of educational and spiritual outlook. In particular the College has long enjoyed a reputation for its training in Public Speaking, and requires work in this department of every undergraduate throughout his course.

Hamilton is and proposes to remain a small college. The number of its students is about six hundred, which is lower than that of most colleges of comparable standing. Nearly all live on the campus in dormitories and fraternity houses, enjoying a social and intellectual unity that is a valuable element in their education.

LOCATION

The College is situated near the geographical center of New York State, in the County of Oneida, one mile from the village of Clinton. Nine miles to the northeast lies the City of Utica, on the main line of the New York Central Railroad. A bus line with frequent service runs between Utica and Clinton, with a shuttle line running up the Hill to the campus.

The post office address of the College is Clinton, New York. No railway passenger service is available to Clinton. Railway express service, however, is provided to Clinton by the Railway Express Agency via the New York, Ontario and Western Railroad, Utica Division.

The College occupies a natural plateau nine hundred feet above sea-level and three hundred feet above Clinton. The campus is a wooded park of about one hundred and sixty acres overlooking the Oriskany and Mohawk valleys.

BUILDINGS AND GROUNDS

The buildings and grounds of the College are valued at nearly three million dollars and consist of three hundred acres of land and eighteen buildings. These buildings are arranged in three quadrangles and are modern structures built of stone or brick. The College also owns thirty-three residences for members of the Faculty or other members of the staff and their families. Nine fraternity houses, owned by fraternity trustees and valued at three-quarters of a million dollars, furnish living quarters for many of the students.

Dormitories: Four dormitories afford accommodations for about one-half of the student body: Carnegie Hall, North College, Mid-

dle College, and South College. There is a reception and recreation room on the ground floor of each dormitory.

Nearly all the rooms are arranged in suites for two, three, or four occupants. Essential furniture and full care of rooms are provided. In general, rooms are leased for the academic year only, and the buildings are closed during vacations. Details and rules governing the leasing of rooms may be obtained from the office of the Dean.

Classrooms, Laboratories, and Faculty Offices: Six buildings are devoted to instruction: Truax Hall of Philosophy, Benedict Hall of Languages, Root Hall, the Chemical Laboratory, the Science Building, and Silliman Hall. Forty offices are provided for members of the Faculty for consultation with students.

Administration Building: Buttrick Hall, built in 1812, was the first college building and has been reconstructed as the administrative headquarters of the College.

Chapel: The Chapel, occupying the central site on the campus, is the home of the religious life of the College. It also affords a place for public lectures, concerts, and other exercises.

Commons: The Soper Commons is able to provide meals for two hundred students, and is used for various group activities.

The Library: The Library Building, the gift of Mrs. Ellen Curtiss James, includes, besides the usual reading and stack rooms, a treasure room, an art room, a "Browsing Room," and a periodical room.

Infirmary: Perry H. Smith Hall, the College Infirmary, contains a ward with six beds, two private rooms, a consultation room appropriately equipped for the college physician, and living quarters for the housekeeper and two nurses who are in regular attendance.

Athletic Equipment: The Alumni Gymnasium contains a regulation swimming pool, courts for basketball, squash, and badminton, facilities for fencing, indoor baseball, and wrestling, locker and team rooms, and offices for members of the physical education staff.

The Russell Sage Building, which is connected with the gymnasium, houses a standard indoor ice-hockey rink and a 220-yard cinder running track. The rink, except during the ice-hockey season, provides an 85 by 200 foot indoor playing field for team

and group games.

The Steuben Athletic Field, adjoining the main group of buildings, provides a football field, a baseball diamond, a soccer field, nine tennis courts, a quarter-mile track, a 220-yard straightaway, and facilities for the usual college sports.

The Hamilton B. Tompkins Golf Course is a nine-hole course and covers 65 acres. Its first tee is within two hundred yards of the campus.

THE LIBRARY

The Library contains about 218,000 volumes, an unusually large and well-balanced collection for a college the size of Hamilton. It is growing at the rate of approximately 3,500 volumes a year. About 850 current periodicals are received regularly, and equipment is available to handle certain others in micro-film editions. A small Rental Collection is maintained, giving the students access to the "best-seller" type of book which would not ordinarily be found in a college library. The "Browsing Room" contains a collection of 1,600 carefully selected books for students' leisure-time reading, and important new books are continually added. Students have free access to the stacks, and receive assistance in the use of catalogues, bibliographies, and reference books, and in the methods of working in the Library; their use of the Library is included under the Honor System (see page 71).

The Library houses also a Treasure Room, containing many rare and valuable books. Special collections maintained are books written by and about alumni of the College; the Samuel Hopkins Adams collection of college and regional history; and the David Worcester Memorial, an alcove in a corner of the reading room containing the library of Hamilton's twelfth president and books which have been purchased since his death, keeping the collection up to date. In addition to the collections in the Library building, the Library staff administers three special collections on the campus: a collection in the Science Building for use in connection with courses in biology, geology, and anthropology, comprising about 15,000 volumes; a collection in the Chemical Laboratory containing about 2,500 volumes in that field; and the Reading Room in the Alumni Gymnasium, containing books on hygiene and athletics.

SCIENTIFIC COLLECTIONS

The Knox Museum of Natural History, in the Science Building, contains valuable scientific collections in geology, mineralogy, biology, and anthropology. The geology and mineralogy collections, originated about 1850 by Professor Oren Root, of the Class of 1833, now include more than 20,000 specimens of fossils, rocks, and minerals. Noteworthy are those from New York State and Denmark. There are also valuable relief models of Central New York, Paleozoic fossil tree stumps, dinosaur tracks, miniature models of dinosaurs, and a cabinet of fluorescent minerals. The biological collection includes an extensive herbarium, several thousand land, fresh-water, and marine shells from many regions, many thousands of native and foreign insects including a large and highly valued collection of butterflies, and several hundred specimens of birds and mammals mounted and classified. The anthropological collection includes 2,000 specimens representing the civilization of the American Indians, a Neolithic exhibit from the lake dwellings of Robenhausen, Switzerland, and specimens illustrative of primitive culture in other parts of the world.

MEDICAL SERVICE

Students are attended by the college physician, who is available in the Infirmary daily at regularly scheduled hours. In emergencies he is at the College as necessary. Associated with him are two nurses in regular attendance at the Infirmary, a clinical pathologist, and a consultant in Roentgenology who serve the students when needed.

The Infirmary fee entitles the students to the services of the college physician and the resident nurses. Except for board, one week in the Infirmary in each semester is provided without further cost; for time in excess of that amount a charge of $3 a day is made. No charge is made for medicine and other materials used in dispensary treatment except medicines costing a dollar or more, and X-rays. The patient's board is not included in the Infirmary fee and is charged at the current college rate. A student who regularly takes his meals at Commons receives credit for the meals missed while he is in the Infirmary.

A foundation, known as the Robert Macalister Farrell Nursing Fund, donated by the late Dr. Thomas H. Farrell, of Utica, in memory of his son, Robert Macalister Farrell, '21, is applied toward the cost of hospital care for students.

ART PROGRAM

In recent years the art program of the College has been substantially expanded. Through the generosity of Edward W. Root, of the Class of 1905, Root Hall has been extensively renovated to provide three sky-lighted studios, an exhibition room, and offices for the two members of the Art Department. Mr. Root's gift has also made possible the purchase of adequate equipment and materials to be used in individual instruction in creative drawing and painting.

To extend a knowledge and understanding of art to students who do not take formal instruction in the department, frequent exhibitions are planned illustrating art-in-process and art productions of many varieties and from many cultures, past and present.

The Art Lending Library, administered by the College Library, consists of a collection of about one hundred and thirty framed copies of important paintings. The pictures in this collection may be rented by the semester for a nominal fee.

RELIGIOUS SERVICES

The College, while under no denominational control, is in the Christian tradition and regards divine worship as a regular part of the life of its students. It avows its historic debt both to the Christian faith and to the devotion of its founders. Public worship, at which attendance is required, is observed each Sunday, conducted by distinguished preachers drawn from many states. Once each month the regular service is replaced by a "Chapel Convocation," with an address on a theme in religion or ethics, followed by a question period. Students of the Episcopal and Roman Catholic faiths may, by arrangement, attend the services of their churches in Clinton.

Every Christian man who enters the College is urged to become a member of the Chapel Congregation. The Lord's Supper is celebrated three times during the college year.

SUNDAY CHAPEL PREACHERS
1949-50

September 18: The Reverend Robert R. Wicks, Dean of the Chapel, Hamilton College.

September 25: The Reverend J. Edgar Park, Osterville, Mass.

October 2: Dean Wicks.

October 9: The Reverend John H. Gardner, Jr., First Presbyterian Church, Baltimore, Md.

October 16: Professor Liston Pope, Yale Divinity School, New Haven, Conn.

October 23: Rabbi Morris Lazaron, Baltimore, Md.

October 30: President Robert W. McEwen, Hamilton College.

November 6: Dean Wicks.

November 13: The Reverend Charles W. Gilkey, South Yarmouth, Mass.

November 20: Mr. Norman Thomas, New York, N. Y.

December 4: Dean Wicks.

December 11: To be announced.

December 18: Professor Halford E. Luccock, Yale Divinity School, New Haven, Conn.

January 8: Dean Wicks.

January 15: The Reverend David K. Barnwell, First Baptist Church, Summit, N. J.

February 5: Dean Wicks.

February 12: President Henry P. Van Dusen, Union Theological Seminary, New York, N. Y.

February 19: Mrs. Franklin Delano Roosevelt, Hyde Park, N. Y.

February 26: President Wilbour Eddy Saunders, Colgate-Rochester Divinity School, Rochester, N. Y.

March 5: Professor William Atwell Spurrier, Wesleyan University, Middletown, Conn.

March 12: Dean Charles Noble, Hendrick Chapel, Syracuse University, Syracuse, N. Y.

March 19: To be announced.

April 9: Dean Wicks.

April 16: Headmaster William E. Park, Northfield Schools, East Northfield, Mass.

April 23: To be announced.

April 30: The Reverend John C. Schroeder, Yale Divinity School, New Haven, Conn.
May 7: Dean Wicks.
May 14: The Reverend Paul Scherer, Union Theological Seminary, New York, N. Y.
May 21: To be announced.
June 11: Baccalaureate.

LECTURES

Lectures on topics of current interest are provided during the academic year for the college community from the income of endowments established in memory of the late John Ripley Myers and the late Professor Frank Hoyt Wood, supplemented by gifts from friends of the college.

A Classical and Archaeological Lectureship is supported by a foundation by the Reverend William Copley Winslow, D.D., of the Class of 1862.

Among the lecturers in recent years have been:

Dean Alfange	Gustave Eckstein
Carl Carmer	Irwin Edman
Rhys Carpenter	Benjamin D. Meritt
Vera Micheles Dean	Frances Perkins
William Bell Dinsmoor	Willard Thorp

REGISTRATION

All students must register with the Dean's office prior to the opening of college. Schedules of returning students are revised at this time if necessary and the schedules of new men arranged.

A pre-registration deposit of $50 is required of all candidates for admission within fifteen days of the receipt of formal notice of admission. This payment is credited on the first college bill.

FRESHMAN INDUCTION

All freshmen must report several days before the formal opening of college. During these days each freshman has an interview with the Dean or a counselor, and takes a physical examination, an aptitude test, and achievement tests. The information supplied by the tests is used by the Dean and by faculty counselors

to help each student adjust himself to the life and work of the College.

GRADUATE RECORD EXAMINATIONS

The Graduate Record Examinations, required of all candidates by many graduate schools, are held at Hamilton once each year, near the end of the second semester. When circumstances make it necessary, arrangements may be made for individual students to take the examinations earlier in the year.

Two kinds of tests are offered, general and advanced. All seniors and sophomores must take the general examinations, the purpose of which is to measure the student's intellectual power and general educational development over a broad field. Seniors take also one or two advanced tests designed to measure their achievement in their major field.

STUDENT COUNSELING

To assist the individual undergraduate to determine what he should strive for and what courses are most suited to his purposes and his aptitudes, the Dean, assisted by members of the Faculty, devotes much attention to counseling each student throughout his course. In particular, he confers at length with each freshman at the beginning of the year and frequently thereafter to aid him with his academic and personal problems.

As a small college Hamilton emphasizes close and friendly student-faculty relations. The Dean is available for conferences with students during thirty-five or forty hours a week in his office in Root Hall. Similarly each member of the faculty keeps regular office hours to see his students individually.

With the cooperation of many alumni, the College sponsors a series of vocational conferences. At these meetings, men who have made and are making a success in their chosen fields hold group and individual conferences to acquaint students with the opportunities and the requirements of various professional and business careers.

A college education is never an end in itself, but always a preparation for a more useful, effective life. When they graduate, college students enter directly upon their careers or continue with

their education in professional or graduate schools. The career a student chooses depends upon his individuality and upon his intellectual equipment. This phase receives much attention in all counseling.

PREPARATION FOR THE PROFESSIONS

A large proportion of Hamilton students are planning to enter graduate and professional schools. The College has no fixed curricula which it requires or advises such students to pursue, but meets the problems of each man through its counseling system, endeavoring to provide him with the preparation best suited to his own needs and to the specific requirements of the school which he plans to attend.

PLACEMENT BUREAU

The Dean's office, with members of the Faculty cooperating, functions as a placement bureau for seniors who seek positions in business, industry, and teaching. Many alumni, themselves well established in their careers, are assisting in the work.

ADMISSION

ADMISSION TO THE FRESHMAN CLASS

1. Young men seeking admission to the freshman class should make application to the Secretary of Admissions, Hamilton College, Clinton, New York.

2. The College makes a selection among applicants, chiefly on tl.e basis of scholarship and character. A candidate from high school will be expected to have an average for his entire course of not less than eighty per cent. A candidate from a private school should have college certificating grades in all his subjects. In neither case does the meeting of these minimum standards assure a candidate of his admission.

3. In 1950 freshmen will be admitted only in September. Former students of the College who left in good standing to enter the Service may, if necessary, be readmitted at midyears.

4. A candidate should file his application as early as possible in the year in which he seeks admission, preferably before the completion of the first half of his final preparatory year.

REQUIREMENTS FOR ADMISSION

1. *Secondary School Credits.* A candidate for admission is expected to have completed a secondary school course which gives preparation for the work of a liberal arts college. Fifteen units* will be required, drawn from the usual college preparatory subjects of English, mathematics, foreign language, science, and social studies. Although the College does not prescribe how these subjects shall be distributed, it expects a minimum of four years of English, two and one-half years of mathematics, and two years of one foreign language. Above all else, Hamilton College stresses ability and ambition to do intellectual work. The Committee on Admissions will, therefore, consider the applications of exceptionally able candidates who are highly recommended by their schools but whose preparation is somewhat irregular in number of units presented and subjects studied.

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* A unit in any subject usually represents a year's study. In English, however, three units are granted for four years of work, and in intermediate algebra a full unit of credit is allowed for one-half year's work.

2. *Examinations.* Each candidate must take in January, in March, or in May (preferably in March) of his senior year the Scholastic Aptitude Test of the College Entrance Examination Board, which is given at convenient places throughout the country. Application for this examination must be addressed to the College Entrance Examination Board, Box 592, Princeton, New Jersey, at least three weeks in advance of the date of the examination; those beyond the Mississippi must apply four weeks in advance. The Board will furnish each candidate with a schedule of examinations, a list of examination centers, and all the instruction which he may need. The fee is twelve dollars, which covers the Scholastic Aptitude Test (required of all candidates) and one, two, or three achievement tests; for the Scholastic Aptitude Test alone the fee is six dollars. The tests will be held on the following Saturdays: January 14, March 11, and May 20, 1950.

3. *Other Requirements.* Since Hamilton is a small college, and its members share a common life, the character and personal qualifications of students are of great importance. Every candidate must, therefore, be interviewed at the College, at his school, or at his home by a member of the College Staff or by a designated alumnus.

ADMISSION TO ADVANCED STANDING

An undergraduate who comes from an approved institution of collegiate rank and presents an official statement of honorable dismissal and of his previous work may receive credit for such work without examination.* This statement must include a full list of his accepted preparatory subjects, and a list of his college courses with his record therein. Such admission by transfer is ordinarily granted only when the applicant has maintained a standing in the upper half of his class. Credit is given only for courses completed with a grade as high as C. To be eligible for a degree from Hamilton a transfer student must have completed at least two years of work in residence and all the requirements for the degree. See pages 29 and 30.

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* Transfer credit in freshman composition must be validated by an achievement test here.

REQUIREMENTS FOR GRADUATION

1. To qualify for the degree of Bachelor of Arts a student must obtain 133 semester hours of credit in required and properly chosen elective courses*. For students who complete the requisite elective courses in less than four years, certain required hours are omitted (see page 31). A semester hour represents one hour of classroom work (or from two to four hours of laboratory work) per week through half of the college year, but in certain elementary language courses five hours per week are scheduled, with a credit of three semester hours. Normally a student takes in each semester five three-hour courses in addition to the prescribed work in public speaking (see page 30-31). No student is allowed to carry a schedule of more than 21 or fewer than 13 hours without special permission of the Faculty; but any deviation from the normal number is subject to the approval of the Academic Council.

2. A student must also complete two majors in order to graduate. Each major consists of not less than three year-courses in one of the following departments: Anthropology, Art, Biology, Chemistry, Economics, Education, English Literature, Ethics and Religion, Geology, German, Greek, History, Latin, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Romance Languages, Spanish. The following courses, however, may not be counted as contributing to a major: French 1-2, German 1-2, Greek, 1-2, Latin A-B, Mathematics 1-2A, Spanish 1-2. A single major in one department, combined with related courses in other departments, may be permitted to replace the two majors prescribed above; but such an arrangement is subject to the approval of the departments concerned and of the Faculty.

3. Each student must take in college at least six semester hours in one of the natural sciences†.

4. Each student must satisfactorily complete at least one course above the intermediate grade in one foreign language. In the modern languages this course will be conducted for the most part in the foreign language. This advanced course is open to those who have passed course 3-4 in that language, and to entering freshmen and transfer students who are recommended by the department concerned after examination.

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* But at present 131 hours are required; see page 31, last footnote.

† A student who fulfills this requirement as a freshman is not thereby excused from electing a course in Group C in his sophomore year (see page 32).

In 1949-50 members of the three upper classes may satisfy the foreign language requirement either as set forth above or by passing the proficiency examination as heretofore.

Course 3-4 in any foreign language is treated as a unit. No one can pass or fail in either portion alone, but passes or fails in the year-course.

5. A student who desires to receive credit for work in a summer session of another institution must apply to the Faculty in advance for approval of his plans.

6. All grades are based on a scale of 100. A grade of 90 or over is reported as A; 80-89, B; 70-79, C; 60-69, D; 40-59, F; and below 40, FF. The passing mark is 60; but a student, in order to qualify for graduation, must have obtained a grade of 70 or better in at least one-half of the work completed at Hamilton in regular three-hour courses subsequent to freshman year.

7. To earn a degree from Hamilton a student must be in residence for at least two years (a minimum of 60 semester hours' credit besides the required work in Public Speaking), and must spend his final semester here.

Descriptions of the courses are to be found under the heading *Courses of Instruction* on pages 34-61.

COURSES OF FRESHMAN YEAR*

Required of All Freshmen

English Composition 1-2	3 hours
or	
English Composition 1-2A	6 hours
Public Speaking 1-2	1 hour
A foreign language (Greek, Latin, French, German, or Spanish)	3 hours
Three electives	9 hours†
Physical Education and Hygiene	
Total	16 hours

* Freshmen are advised, before making their elections, to study the requirements of subsequent years.

† Those who take English Composition 1-2A will choose two electives, amounting to 6 hours.

Elective Courses Open to Freshmen

Anthropology 1-2	German 3-4	Mathematics 1-2B
Art 1-2*	Greek 1-2	Music 1-2*
Biology 1-2	Greek 3-4	Music 3-4
Chemistry 1-2	Greek 5-6	Physics 1-2†
French 1-2	History 1-2	Political Science 1-2
French 3-4	Latin A-B	Spanish 1-2
German 1-2	Latin 1-2	Spanish 3-4
	Mathematics 1-2A	

Freshmen are advised to continue in college a language studied in secondary school. Those who do so will be given a placement test in that language during their induction period and will be assigned to the proper course by the department concerned. If because of inadequate preparation a student must repeat work covered in secondary school, he will not necessarily receive additional credit for that work.

A freshman who takes an elementary foreign language must continue that language in sophomore year.

An exceptionally well prepared freshman with a distinguished record in scholarship may be permitted by the Academic Council to elect advanced courses not included in the list of electives given above.

COURSES OF SOPHOMORE, JUNIOR, AND SENIOR YEARS

Required Courses in Public Speaking

In sophomore year five semester hours, in junior year four,†† and in senior year two semester hours of work in the Department of Public Speaking are required of all students. But those who are admitted with advanced standing or otherwise qualify for graduation in less than four years are excused from that part of this work which extends beyond their period of residence.

Elective Courses

Except for the required work as described above, all courses of sophomore, junior, and senior years are elective. The choice of

* Art 1-2 and Music 1-2 require the approval of the instructor.
† Open to those with sufficient preparation in mathematics.
†† During the war, and currently, two semester hours.

courses is made under a group system, the departments of study being arranged in three groups, as follows:

Group A. Foreign Languages.

Group B. Anthropology,* Art, Economics, Education, English Composition, English Literature, Ethics and Religion, History, Music, Philosophy, Political Science, Psychology, Public Speaking.

Group C. Mathematics, Natural Sciences.

Regulations Governing Electives

1. Courses for the next year are chosen at the end of freshman, sophomore, and junior years. Elective cards must be left at the Dean's Office by a designated date in May. A fee of two dollars, increased by one dollar for each day of delay, will be charged for tardy election of courses.

2. Before submitting his elective card, each student should consult the Dean or a Faculty Adviser and some professor in the department of one of his major subjects.

3. A student may not change his choice of courses at any time except by permission of the Academic Council and on payment of a fee of two dollars. No change is permitted after the first week of a semester.

4. Most courses are continuous through the year and must be elected accordingly.

5. After freshman year, a student may take any elective course offered to his own or a lower class if he has satisfied its prerequisites.

6. In sophomore year a student must elect at least one course from each group, and in junior and senior years at least one course from each of two groups. A sophomore who has taken a science in his freshman year is not thereby excused from electing a course in Group C.

7. A student who elects an elementary course in a modern foreign language after the freshman year is expected to take later the second course in that language. Anyone seeking to be excused from this requirement must obtain the written consent of

* But Anthropology 15-16 counts as a course in Group C.

HAMILTON COLLEGE

CLINTON, NEW YORK

Preliminary Application for Admission in September .....

Name .....

Home Address .....

Present Address .....

Date and place of birth .....

Occupation of Parent or Guardian .....

School .....

When will you be graduated? .....

Names of Hamilton Relatives .....

Names of Hamilton Friends .....

Date .....

the head of the Department concerned. No credit will be given for the first semester alone of any elementary language course.

8. Elective courses must be so chosen that the student will be making continuous progress toward the satisfaction of the requirements for graduation. A student who after admission decides not to remain in College until graduation is not excused from compliance with this rule. The choice of courses must conform to the requirements set forth in this section and on pages 29 and 30. Postponement of any requirement is granted only exceptionally.

DEGREES

Students who entered college since 1939 receive at graduation the degree of Bachelor of Arts. To those who entered before that year, two degrees are available: The Baccalaureate in Arts and the Baccalaureate in Science.

Opportunities for graduate study in candidacy for the master's degree are offered only to those who are officially connected with the college during the period of such study.

Degrees, both honorary and in course, are conferred only upon those who are present to receive them.

COURSES OF INSTRUCTION

ANTHROPOLOGY

Mr. Count

1-2. Fundamentals of Culture. An introduction to social institutions and ethnology. The study of man's purposive responses to his natural and social environment. First semester: development and function of social institutions. Diffusion and acculturation. Second semester: case studies of ethnic groups. *Not open to seniors.*

3-4. Culture-Areas; their distribution and history. The patterns of institutions that compose a "people." *Prerequisite, 1-2. Alternates with 5-6.*

5-6. Introductory Sociology. The forces that generate or influence culture. Behavior of group man. Social organization and institutions. Social tensions and change. *Prerequisite, 1-2. Alternates with 3-4.* (Not offered in 1949-50.)

7. The Science of Myth. Mythological systems of man. The role that mythology has played in the evolution of civilization. First semester. *Prerequisite, 1-2. Open also to approved students majoring in philosophy or ethics. Alternates with 9.*

8. The Science of Language. The patterns of language. Linguistic stocks. The relations between languages and cultures. Linguistic change. Second semester. *Prerequisite, 1-2. Open also to approved seniors majoring in language. Alternates with 10.*

9-10. Cultural Evolution in the Bible Age. The Hebraic-Christian tradition in our civilization, its origin and development, examined from the standpoint of social science. *Prerequisite, 1-2. Alternates with 7, 8.* (Not offered in 1949-50.)

15-16. Physical Anthropology. The evolution of the primates and of man. Human raciology, constitution, genetics, blood-types. Social biology. *Prerequisite, Biology 1-2. Biology 3-4 is strongly recommended to run concurrently. Laboratory fee, $5. This course is counted in Group C.*

ART

Messrs. Parker and Penney

1-2. Creative Painting and Drawing. Lectures and demonstrations of the methods and materials employed by professional artists will be coordinated with the individual student's work. *Open to approved freshmen. Three hours' credit per semester for nine studio hours. Laboratory fee, $10.* Mr. Penney.

3-4. Advanced Painting and Drawing. Figure, landscape, and still life painting and drawing in various media. Students will be assigned special projects. *Prerequisites, 1-2 and the consent of the instructor. Three hours' credit per semester for nine studio hours. Students will supply their own materials.* Mr. Parker.

5-6. Introduction to the History of Art. A survey of the more important monuments and periods. First semester: from prehistoric times through the Middle Ages. Second semester: from the Renaissance to the present. *Open to sophomores.* Mr. Parker.

7. Modern European Art. The leading figures and movements in European art from the 18th century to the present. *Prerequisite, 5-6.* Constitutes a year-course with 8. (Not offered in 1949-50.) Mr. Parker.

8. Principles of Art. Formal analysis of works of art, methodology of art criticism, and an examination of contemporary trends in empirical aesthetics. *Prerequisite, 7.* Constitutes a year-course with 7. (Not offered in 1949-50.) Mr. Parker.

9-10. Renaissance Painting, Architecture, and Sculpture. First semester: the Renaissance in Italy. Second semester: the Renaissance in Northern Europe and Spain. *It is strongly recommended that students take History 11-12 concurrently. Prerequisite, 5-6. Alternates with 11, 12.* Mr. Parker.

11. Fundamentals of Architecture. Architectural monuments of all periods with special emphasis on structure, plans, utility, and style. *Prerequisite, 5-6. Alternates with 9.* Constitutes a year-course with 12. (Not offered in 1949-50.) Mr. Parker.

12. AMERICAN ART. From colonial times to the present. *Prerequisite, 5-6. Alternates with 10.* Constitutes a year-course with 11. (Not offered in 1949-50.) MR. PARKER.

BIOLOGY

MESSRS. HESS, ROGERS, AND NEWCOMER

All courses in biology require two hours in the lecture room and four hours in the laboratory each week, but are reckoned as three-hour courses. The laboratory fee for each course is $5.00 a semester.

1-2. GENERAL BIOLOGY. An introduction to the study of plant and animal life, with particular attention to the structure and functions of organisms. The course is designed to serve both as a source of general knowledge and as a background for advanced work in the biological sciences. Laboratory work is based on a study of plants and animals selected to illustrate the functions and principles involved. *Open to freshmen.* MESSRS. HESS AND NEWCOMER.

3. EMBRYOLOGY. A study of the development of representative forms of the chief classes of vertebrates, with particular emphasis on the embryology of the frog, chick and mammal. *Prerequisite, 1-2.* MESSRS. ROGERS AND NEWCOMER.

4. ZOOLOGY OF VERTEBRATES. The dissection and comparative study of a series of vertebrates, tracing the progressive modifications of the organ system from fishes to mammals, with special emphasis on mammalian anatomy. *Prerequisite, 3.* MESSRS. ROGERS AND NEWCOMER.

5. GENETICS. A study of heredity and variation in animals and plants including a discussion of heredity in man. The general principles of evolution are considered in the light of evidence from experimental genetics. Lectures, laboratory, and reports on special assignments and problems. *Prerequisite, 1-2.* MR. HESS.

6. HISTOLOGY AND MICROSCOPICAL TECHNIQUE. A practical course in the methods of microscopical technique and a study of mammalian tissues. *Prerequisite, 1-2.* MR. NEWCOMER.

7. PHYSIOLOGY. A study of the more fundamental problems of general physiology, and the functions of the organ systems of ani-

mals. *Prerequisites, 3-4 and a knowledge of the fundamental principles of chemistry.* MR. NEWCOMER.

8. EXPERIMENTAL ZOOLOGY. Readings, conferences and laboratory work on problems of experimental zoology. *Prerequisite, 3-4.* (Not offered in 1950-51.) MR. ROGERS.

9. INVERTEBRATE ZOOLOGY. A study of invertebrate animals, including the structure, physiology, and ecology of representative forms. Special attention is given to the more important parasitic species. *Prerequisite, 3-4.* (Not offered in 1949-50.)
MESSRS. HESS AND NEWCOMER.

10. BACTERIOLOGY. A study of the general principles and technique of bacteriology, including the relation of micro-organisms to health and disease. *Prerequisites, 1-2 and some knowledge of chemistry.* (Not offered in 1949-50.) MR. HESS.

CHEMISTRY

MESSRS. MCKINNEY, YOURTEE, AND BELLAMY

All courses in chemistry require two hours in the lecture room and four hours in the laboratory each week, but are reckoned as three-hour courses. The laboratory fee for each course is $12.50 a year.

1-2. ELEMENTARY COLLEGE CHEMISTRY. A study of the principles of general chemistry considered both qualitatively and quantitatively. The purpose of the course is to associate instruction in chemistry with training in scientific thinking. Previous experience in chemistry is not required, but it is desirable that students electing the course have had either chemistry or physics in high school. *Open to freshmen.* MESSRS. YOURTEE AND BELLAMY.

3-4. ANALYTICAL CHEMISTRY. First semester: qualitative analysis. The theory and practice involved in the systematic separation and identification of the commoner cations and anions and in the analysis of unknown substances. Second semester: quantitative analysis. Classroom drill and laboratory practice in the more important typical gravimetric and volumetric methods. *Prerequisite, 1-2.*
MESSRS. MCKINNEY AND BELLAMY.

5-6. ORGANIC CHEMISTRY. An introduction to the chemistry of the compounds of carbon. The more important groups of aliphatic and aromatic compounds; lectures and recitations, with closely coordinated laboratory work on the preparation of typical compounds. *Prerequisite, 1-2.* MR. MCKINNEY.

7-8. PHYSICAL CHEMISTRY. A course of study in the theoretical background of chemistry in general, from the two points of view of thermodynamics and kinetics. The usual topics of physical chemistry are included. Applications are developed through the solution of problems, both in the classroom and in the laboratory. *Prerequisites, 3-4, Physics 1-2, and Mathematics 1-2B, unless special arrangement is made in advance with the instructor.* MR. YOURTEE.

9-10. ADVANCED ORGANIC CHEMISTRY. A laboratory course continuing the work of 5-6. Emphasis is laid upon the study of the various types of reactions of organic chemistry. Detailed attention is paid to experimental conditions, yields, purity of products, functional groups, and other factors necessary to organic preparations of more advanced types. The second term is devoted to the qualitative identification of organic compounds. Conferences and laboratory work. *Open to juniors. Prerequisite, 5-6.* MR. MCKINNEY.

ECONOMICS

MESSRS. PATTON AND GAMBS

1-2. INTRODUCTION TO ECONOMICS. An introductory course in economics, with major emphasis on the material and psychological circumstances underlying the economic problems of modern industrial civilization, particularly in the United States. *Open to sophomores.* MESSRS. PATTON AND GAMBS.

3-4. NATURAL RESOURCES AND INDUSTRIES. A study of natural resources and their geographical distribution, and of the technology and economics of the industries particularly dependent on them. *Open to sophomores. Alternates with 7-8.* (Not offered in 1949-50.) MR. PATTON.

5-6. CORPORATION FINANCE AND PUBLIC UTILITY REGULATION. First semester: a detailed study of the financial practices of corporations and their social regulation. Second semester: a study of the

economics of public utilities and of the principles and practices involved in their public regulation. *Open to juniors.* MR. PATTON.

7-8. MONEY, BANKING, AND PUBLIC FINANCE. First semester: the monetary aspects of the modern economy, with special reference to the organization of banking in the United States and to the theory of money. Second semester: a study of the principles and practices involved in taxation, public debt management and other financial problems of our federal and local governments. *Open to sophomores. Alternates with 3-4.* MR. PATTON.

9. LABOR PROBLEMS AND SOCIAL LEGISLATION. The history, practices and problems of labor organizations. Workmen's compensation, social security, and other labor legislation. *Prerequisite, 1-2, or the consent of the instructor.* MR. GAMBS.

10. BUSINESS CYCLES. A study of the principal theories designed to account for alternating periods of prosperity and depression, with emphasis on the work of J. M. Keynes and Wesley Mitchell. *Prerequisite, 1-2, or the consent of the instructor.* MR. GAMBS.

11-12. HISTORY OF ECONOMIC THOUGHT. The development of economic ideas from the age of mercantilism to the present day. Relationships will be traced between the development of economic, social, and political institutions and that of economic doctrines. Readings from the original writings of the principal economists of the past. *Open to seniors and selected juniors who have had at least two previous courses in economics, one of which must be 1-2 or 9-10, and who have obtained the consent of the instructor.* MR. GAMBS.

13. ECONOMIC STATISTICS. A general course in statistical methods, with special reference to economic problems as they concern governmental research and business activity. *Prerequisite, 1-2.* (Not offered in 1949-50.) MR. GAMBS.

14. INTERNATIONAL ECONOMIC RELATIONS. A study of how and why commodities move over national boundaries. Foreign exchange; international investment. International commerce before the war; lend-lease and mutual aid; the postwar situation. United States commercial policies. The agencies of the United Nations for the promotion of international economic exchanges. *Prerequisite, 1-2.* (Not offered in 1949-50.) MR. GAMBS.

EDUCATION

MR. HUNT

1-2. PROBLEMS OF EDUCATION. A historical and comparative study of the major tendencies and characteristics of society in western nations as they affect education and are affected by educational ideals and the structure of educational systems, with special emphasis upon the problems of education in a free society. During the second semester the nature of the learner and the learning process are considered in their relation to the problem of bringing about various socially desirable developments in behavior. *Open to sophomores.*

3-4. EDUCATIONAL OBJECTIVES AND THE MEASUREMENT OF RESULTS. The classification and definition of major types of objectives in terms of behavior, and the evaluation of results. Emphasis is laid upon the appropriate statistical tools and procedures for classroom measurement and experimentation and upon general statistical analysis of data. *Prerequisite, 1-2.*

5-6. PRINCIPLES AND PRACTICE OF TEACHING. A detailed study of secondary-school methods and classroom techniques. The second semester normally is devoted to observation and supervised practice in nearby high schools, combined with seminar work in methods of teaching the special subjects. *Open to seniors approved by the Department and by the Board of Review. Approval will be based on the quality of previous work in Education and in the fields in which the candidate is preparing to teach. Prerequisite, 3-4.*

TEACHER EDUCATION. Students who are looking forward to a career in secondary-school teaching should consult the head of the Department during their freshman year concerning requirements for state certification. It is strongly recommended that these students elect Mathematics 1-2A or 1-2B and Mathematics 13-14 during their first and second years. It also is recommended that they elect Psychology 1-2 during one of those years.

ENGLISH COMPOSITION

MESSRS. RUDD, MARSH, NESBITT, JOHNSTON, AITCHISON, AND WILLIAMS

Only one course in English Composition may be taken in any one year.

1-2. FRESHMAN ENGLISH COMPOSITION. The principles of English composition and the practice of writing. Themes and conferences; readings in selected masterpieces. Instruction in writing is largely individual. *Either 1-2 or 1-2A is required of all freshmen.*

MESSRS. RUDD, NESBITT, JOHNSTON, AITCHISON, AND WILLIAMS.

1-2A*. SEMINAR IN READING, WRITING, AND SPEAKING. The intensive study of selections from such classics of literature and philosophy as Homer, the Bible, Shakespeare, Milton, Plato, and Mill. Writing and group discussion based on this reading. Sections limited to twelve freshmen each. *This course may be substituted for English Composition 1-2 and one elective. Credit, twelve semester hours.*

MESSRS. RUDD, NESBITT, AND JOHNSTON.

3-4. ADVANCED ENGLISH COMPOSITION. The study and practice of the various forms of writing. Reading and analysis of selected novels and periodical essays. *Prerequisite, a grade of at least B in 2 or 2A or 10. Not open to students who have had 7-8. Limited to fifteen.*

MR. MARSH.

7-8. IDEAS OF ORDER. An advanced course for those who intend to continue creative writing after graduation. Original manuscripts will be read aloud and considered by the entire class, as well as by the instructor in conference. Regular lectures and discussions will attempt to generalize some precepts of style and order from the consideration of particular examples, giving special attention to contemporary works. *Prerequisite, two year-courses in English Composition, or a grade of A in 2 or 2A. Limited to fifteen.*

MR. AITCHISON.

9-10. EXPOSITORY WRITING. The theory of exposition; constant practice in writing clear and logical expository prose. Study of selected specimens of exposition. *Prerequisite, 1-2 or 1-2A. Not open to students who have had 3-4 or 7-8. Limited to two sections of fifteen each.*

MESSRS. JOHNSTON AND AITCHISON.

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* With the cooperation of Mr. Durham.

ENGLISH LITERATURE

MESSRS. RISTINE, RUDD, NESBITT, AND JOHNSTON

1-2. GENERAL INTRODUCTION TO ENGLISH LITERATURE. A rapid survey of English literary history from the beginnings, accompanied by classroom study of the greater English poets, especially Chaucer, Shakespeare, Milton, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning. Lectures and recitations. *Open to sophomores who have passed English Composition 1-2 or 1-2A.*

MESSRS. RISTINE AND JOHNSTON.

3-4. SEVENTEENTH CENTURY LITERATURE. The later Elizabethan drama; the seventeenth-century lyric, with special emphasis on Donne and the metaphysical poets; Bacon, Burton, and Browne; the poetry of Milton. The Restoration Period; John Dryden; the dramatists, diarists, and memoir writers. *Prerequisite, 1-2. Alternates with 5-6.* (Not offered in 1949-50.) MR. RUDD.

5-6. EIGHTEENTH CENTURY LITERATURE. The Augustan writers of the Age of Pope, with special attention to the development of modern prose style, the rise of the periodical essay, the pamphlet, and the polite epistle. The eighteenth-century novel. Dr. Samuel Johnson. The beginnings of Romanticism, as seen especially in the poetry of the century. *Prerequisite, 1-2. Alternates with 3-4.*

MR. RUDD.

7-8. NINETEENTH CENTURY LITERATURE. The growth of Romanticism in England, and its influence on imaginative literature and criticism between 1798 and 1832; the thought and literary art of the Victorians, particularly Carlyle, Mill, Browning, and Arnold. The development of the periodical and of the novel, with outside readings in Jane Austen, Scott, Dickens, Thackeray, George Eliot, and other novelists as time permits. Term essays required. *Prerequisite, 1-2.*

MR. NESBITT.

9-10. AMERICAN LITERATURE. A survey of American literature from colonial times, with critical study of the chief poets and prose writers of the nineteenth and early twentieth centuries. An attempt will be made to see this literature in relation to contemporary English literature and to estimate its expression of American national traits and ideals. *Prerequisite, 1-2.* MR. RUDD.

11-12. ANGLO-SAXON; MIDDLE ENGLISH. First semester: an introduction to the language and literature of England before the Norman Conquest. An Anglo-Saxon reader is the basis of study, accompanied by lectures on the history, structure, and vocabulary of the English language. Second semester: Chaucer, his century, and his contemporaries. *The Canterbury Tales* are read, the *Troilus and Criseyde,* and some of the minor poems. *Open to juniors.* MR. RISTINE.

13-14. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Shakespeare is the center of study for the year. All plays are read, with critical study of certain dramas representative of the different stages in the development of his art. Lectures on the history of the drama from the beginnings to Shakespeare; collateral reading in the minor Elizabethan playwrights. Library topical work and practice in handling original sources. Term theses required. *Open to seniors who have completed with a grade of B at least one year-course in this department.* MR. RISTINE.

ETHICS AND RELIGION

MR. HAYNER

1-2. RELIGION IN WESTERN CIVILIZATION. A survey of the role of religion in the development of western culture. Particular emphasis will be placed upon the social, institutional, and ideological influence of Judaism, Greek religion and philosophy, and the principal Christian points of view. *Open to sophomores.*

3-4. THE MAJOR WORLD RELIGIONS. The religious systems of Hinduism, Buddhism, Confucianism, Taoism, Zoroastrianism, Shinto, Islam, Judaism, and Christianity, considered with respect to the assumptions underlying their doctrines and the philosophical implications involved. *Prerequisite, Ethics 1-2 or Philosophy 3-4.*

5-6. PROBLEMS OF ETHICS. First semester: the field of ethics; ethical theories and the basic ideas involved in moral judgments. Second semester: the contributions of outstanding modern thinkers to the ethical aspects of personal, social, and political behavior. *Open to juniors.*

FRENCH

MESSRS. BOWIE, HAMLIN, TILESTON, AND PIANO

1-2. ELEMENTARY FRENCH*. Thorough grounding in grammar and pronunciation. *Open to freshmen. Freshmen who take this course receive credit for it only upon completion of French 3-4. Others may receive credit for French 1-2 without completing French 3-4 only upon recommendation by the head of the Department. Five hours a week throughout the year.* MESSRS. TILESTON AND PIANO.

3-4. INTERMEDIATE FRENCH. Review of grammar and syntax; oral and written drill on vocabulary and idioms; reading of standard literary texts. *Prerequisite, 1-2, or at least 2 units of entrance French. Required of sophomores who have taken 1-2.*

MESSRS. BOWIE, HAMLIN, AND TILESTON.

5-6. INTRODUCTION TO LITERATURE. Readings in modern French literature through the method of *explication de texte*. This course is conducted largely in French. *Prerequisite, 3-4 or the equivalent.*

MESSRS. BOWIE, HAMLIN, AND PIANO.

7-8. (Formerly 17-18.) COMPOSITION AND ORAL PRACTICE. A practical course, conducted entirely in French, which emphasizes the oral and written use of the language. *Sections limited to twelve students. Open to those who have elected 5-6.*

MESSRS BOWIE AND TILESTON.

15-16. THE DRAMA AND THE NOVEL. Literature from the classical period to the present day. A semester is devoted to each form. Topics are assigned for report and discussion; papers are read and criticized in the classroom. This course is conducted entirely in French. *Prerequisite, satisfaction of the language requirement or its equivalent.* (Not offered in 1949-50.) MR. BOWIE.

19-20. THINKERS AND CRITICS. Classical and modern authors from Montaigne to Renan. Topics are assigned for report and discussion; papers are read and criticized in the classroom. The course is conducted entirely in French. *Prerequisite, as for 15-16. Enrollment limited.* MR. BOWIE.

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* Credit is not given for the first semester alone of any elementary language course.

21-22. CONTEMPORARY FRENCH LITERATURE. Representative authors of the twentieth century. Topics are assigned for report and discussion; papers are read and criticized in the classroom. This course is conducted entirely in French. *Prerequisite, as for 15-16. Enrollment limited.* MR. HAMLIN.

GEOLOGY

MESSRS. DALE AND OXLEY

1-2. GENERAL GEOLOGY. An introductory course, including studies of the various geological agencies and processes responsible for the past and present surface features of the earth, the general composition and structure of the earth's crust, and the geological history of the earth. Lectures, recitations, laboratory, and field work. *Open to sophomores. Laboratory fee, $5.* MESSRS. DALE AND OXLEY.

3-4. MINERALOGY. An introductory and determinative study of the more important minerals as shown by their crystal forms as well as by their principal physical and chemical characteristics. Some attention is paid to the mode of occurrence, the origin, and the association of the chief rock-forming minerals and to those minerals which are economically significant. Lectures, laboratory, and field work. *Prerequisite, Chemistry 1-2, or its equivalent. This course may parallel 1-2, 5-6, or 9-10 to advantage. Laboratory fee, $5.*

MR. DALE.

5-6. STRUCTURAL AND ECONOMIC GEOLOGY. First semester: a study of the primary structures of sedimentary and igneous rocks and the principles of deformation and geotectonics. Methods of determination of the structures in the field; interpretation and construction of topographic and geological maps. Second semester: the geological occurrence and origin of the important metallic and nonmetallic ores, with special consideration of coal, petroleum, and iron. The relation and the importance of these to man are an essential part of the course. Lectures, discussions, laboratory, and field work. *Prerequisite, 1-2. Laboratory fee $5.* MESSRS. OXLEY AND DALE.

7-8. PHYSICAL AND REGIONAL GEOLOGY AND GEOGRAPHY. First semester: space and distance relations on the earth, cartography, elements of meteorology and climatology, land forms, great soil-

types, principal mineral deposits, surface and sub-surface water supplies, and world traffic routes. Second semester: a consideration of the geomorphology and regional structure of one of the continents. This year North America will be studied. Lectures, discussions, reports, laboratory, and, in the first semester, field work. *Open to sophomores.* MESSRS. OXLEY AND DALE.

9-10. OPTICAL MINERALOGY AND PETROLOGY. A microscopic study of rock-forming minerals and rocks, followed by the history, origin, and classification of rocks. Lectures, laboratory, and field work. *Prerequisites, 1-2 and 3-4, but 3-4 and 9-10 may be taken concurrently. Laboratory fee, $5.* MR. DALE.

11-12. ADVANCED HISTORICAL GEOLOGY. First semester: invertebrate paleontology; the beginning and development of the primitive earth; the physical and organic history of the earth during the Pre-Cambrian and early Paleozoic eras. Second semester: the later Paleozoic, Mesozoic, and Cenozoic eras. Lectures, discussions, reports, laboratory, and field work. *Prerequisite, 1-2. Laboratory fee, $2.50.* (Not offered in 1949-50.) MR. OXLEY.

GERMAN

MESSRS. HAUCH, LIEDKE, BROWNING, AND REID

In all the courses there is constant emphasis upon conversational, oral, and written drills as a necessary basis for the attainment of a fluent reading knowledge of the language.

1-2. ELEMENTARY GERMAN*. Thorough grounding in pronunciation, grammatical forms, and syntax in coordination with the reading and discussion in German of easy texts and the memorizing of poetry. *Open to freshmen. Freshmen who take this course receive credit for it only upon completion of German 3-4. Others may receive credit for German 1-2 without completing German 3-4 only upon recommendation by the head of the Department. Five hours a week throughout the year.* MR. REID.

* Credit is not given for the first semester alone of any elementary language course.

3-4. INTERMEDIATE GERMAN. Review of grammar and syntax; oral and written drill on vocabulary and idioms; reading and discussion in German of narrative prose texts; the memorizing of simple poems. *Prerequisite, 1-2, or a minimum of two units of entrance German. Required of sophomores who have taken 1-2 as freshmen.*
MESSRS. LIEDKE, BROWNING, AND REID.

5-6. SCIENTIFIC GERMAN. The reading, study, and discussion in German of scientific texts; written and oral reports. *Prerequisite, 3-4, or a minimum of three units of entrance German and a sufficiently high rating on a placement test.* (Not offered in 1949-50.)

7-8. INTRODUCTION TO GERMAN LITERATURE. Special emphasis will be laid on poetry. Text exegesis, oral and written reports, and essays; outside reading in prose and verse. MR. BROWNING.

9-10. GERMAN DRAMA. Brief introductory survey of the history of German drama; critical study and interpretation, and conversational discussion in German, of the dramas of Lessing, Goethe, Schiller, and representative nineteenth-century and contemporary dramatists; written reports and essays. *Prerequisite, 5-6, or 7-8, or 15-16, or a grade of B in 3-4.* MR. LIEDKE.

11-12. GOETHE'S FAUST. Critical study and interpretation of the text of *Faust I and II;* lectures, discussions, reports, and essays in German. *Prerequisite, as for 9-10. Alternates with 13-14.*
MR. LIEDKE.

13-14. GERMAN CIVILIZATION. Survey of the history of the German language, the German people, and German literature in relation to its political, social, and philosophical background; required readings from the sources; lectures, discussions, reports, and essays. *Prerequisite, as for 9-10 and 11-12. Alternates with 11-12.* (Not offered in 1949-50.)

15-16. ADVANCED READING, CONVERSATION, AND COMPOSITION. Practice in rapid reading; intensive practice in speech and writing. *Prerequisite, as for 5-6.* MESSRS. LIEDKE AND BROWNING.

GREEK

Mr. Durham

1-2. Elementary Greek*. Ball's *Elements of Greek*. Forms, exercises, translation of narrative passages, and the writing of simple Greek sentences. Selections from the first book of Xenophon's *Anabasis. Open to freshmen.*

3-4. Homer. First semester: selections from the *Iliad;* Homeric forms, constructions, and prosody. Second semester: selections from the *Odyssey,* with particular attention to the structure of the poem, to Homeric antiquities, and to the historical aspects of the language. *Prerequisite, 1-2, or two units of entrance Greek.*

5-6. Plato; Lyric Poets and Theocritus. First semester: the *Apology, Crito,* and portions of the *Phaedo.* A study of the character of Socrates as portrayed by Plato and of the more general aspects of his significance as a thinker. Second semester: lyric poetry; the *Idylls* of Theocritus, illustrated by parallel passages from the other Alexandrian poets. *Prerequisite, 3-4, or three units of entrance Greek.*

7-8. Greek Drama. Careful interpretation of a tragedy of Aeschylus, Sophocles, or Euripides, followed by rapid reading of other tragedies. Aristophanes is studied in similar manner. *Prerequisite, 5-6.*

9-10. Prose Writers. Herodotus, Selections. Thucydides, Books 2 and 3. The sources of Greek History. Demosthenes' *De corona.* Plutarch's *Life of Demosthenes. Prerequisite, 7-8, or, with the consent of the instructor, 5-6.*

11-12. Survey of Greek Literature. Wide reading of prose and poetry, accompanied by the study of Greek history and of the history of Greek literature. Some work will be done also in epigraphy, palaeography, papyrology, and archaeology. *Prerequisite, 9-10.* (Not offered in 1949-50.)

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* Credit is not given for the first semester alone of any elementary language course.

HISTORY

MESSRS. GRAVES, ELLIS, AND GILBERT

1-2*. THE HISTORICAL BACKGROUND OF MODERN SOCIETY. An introduction to the historical development during the past two centuries of significant political, economic, and social forces which are moulding modern European and American society. *Open to freshmen. N.B. History 1 was given as History 17 in the spring semester, 1945.* MESSRS. GRAVES, ELLIS, AND GILBERT.

3-4. ENGLAND AND THE BRITISH EMPIRE. An historical study of the development of British institutions and their spread to other parts of the world, with particular attention to economic and social changes in Great Britain and in the British Commonwealth and Empire. *Prerequisite, 1-2.* MR. GRAVES.

5-6. FRENCH REVOLUTION AND NAPOLEON; DIPLOMACY OF IMPERIALISM. First semester: a study of Europe, with particular reference to France, in the period from 1789 to 1815. Second semester: a study of European Imperialism and diplomacy from 1878 to 1920. *Prerequisite, 1-2. Alternates with 11-12.* (Not offered in 1949-50.) MR. GRAVES.

7-8. HISTORY OF THE UNITED STATES. A survey of the development of the American nation from colonial beginnings to the present. *Open to sophomores. Prerequisite, 1-2, or the consent of the instructor.* MR. ELLIS.

9-10. ECONOMIC AND SOCIAL HISTORY OF THE UNITED STATES. A study of agricultural, commercial, and industrial history and institutions, of transportation, and of the influence of government on economic activities. During the second semester social institutions and intellectual currents will also be examined. *Open to juniors. Prerequisite, 7-8. Alternates with 15-16.* (Not offered in 1949-50.) MR. ELLIS.

11-12. EUROPEAN CIVILIZATION FROM THE ELEVENTH TO THE SEVENTEENTH CENTURY. First semester: the society and culture of the later Middle Ages. Second semester: the society and culture of the period usually designated renaissance and reformation. *Open to*

* With the cooperation of MR. LENCZOWSKI.

juniors. Prerequisite, 1-2, or the consent of the instructor. Alternates with 5-6. MR. GRAVES.

13-14. SEMINAR. Seminar work in History will be open to approved seniors.

15-16. TWENTIETH CENTURY AMERICA. The adaptation of American democracy to the machine age and urban life; the New Nationalism, the New Freedom, and the New Deal; American entry into the two World Wars. *Prerequisite, 7-8. Alternates with 9-10.* MR. ELLIS.

LATIN

MR. MATTINGLY

A-B*. ELEMENTARY LATIN. First semester: pronunciation, vocabulary, morphology, syntax; oral practice, the writing of simple sentences in Latin, easy translations. Second semester: continuation of the work of the previous semester with the addition of systematic study of passages from Latin prose authors. *Open to freshmen.*

1-2. INTRODUCTORY COURSE IN LATIN LANGUAGE AND LITERATURE. First semester: prose authors, principally Sallust and Tacitus; emphasis upon comprehension of the sentence and systematic mastery of vocabulary. Second semester: further reading in such prose authors as Tacitus, Pliny, Seneca; emphasis upon the student's comprehension of connected prose. *Open to approved freshmen with adequate high school preparation.* (Not offered in 1949-50.)

3-4. READINGS IN LATIN PROSE WRITERS. First semester: continued emphasis upon comprehension and the mastery of vocabulary; attention to the reproduction in translation of different Latin prose styles as represented by such authors as Cicero, Tacitus, Quintilian, Augustine. Second semester: continuation of the work of the preceding semester with some study of rhetorical theory and the historical background of the authors read. *Prerequisite, 1-2.*

5-6. LATIN POETRY (principally satire and comedy). Translation, study of metrical forms, reading in secondary sources. *Prerequisite,*

* Credit is not given for the first semester alone of any elementary language course.

the consent of the instructor. Alternates with 7-8. (Not offered in 1949-50.)

7-8. LATIN POETRY (principally lyric, elegiac, and epic). Translation, study of metrical forms, ancient literary criticism. *Prerequisite, the consent of the instructor. Alternates with 5-6.*

9-10. PAGANISM AND THE ANCIENT WORLD ORDER. Mediterranean civilization culminating in the Roman Empire. Special attention to selected literary sources read in translation, e.g., Vergil, Lucretius, Ovid, Livy, Plutarch, Polybius, Pliny the younger, Seneca, Lucian, Marcus Aurelius, Augustine. Emphasis is placed largely upon literary sources, religious and cultural institutions, and ancient thought as reflecting and reflected in ancient life. *Open to juniors. Alternates with 11-12.*

11-12. ROMAN SOCIAL, POLITICAL AND LEGAL INSTITUTIONS. Roman history from the regal period to the late Empire, with emphasis upon social, political, and legal institutions. Textbook and readings in translation. *Open to juniors. Alternates with 9-10.* (Not offered in 1949-50.)

MATHEMATICS

MESSRS. PATTERSON, GERE, AND VAN ALSTYNE

1-2A. PLANE TRIGONOMETRY; ALGEBRA. First semester: theory and use of logarithms, definitions and relations of the trigonometric functions of acute angles and of angles in general, the solution of right and oblique triangles, drill in computation. Second semester: introductory review, quadratic functions, graphs, theory of equations, permutations and combinations, probability, determinants, partial fractions, complex numbers. *Prerequisite, three units of entrance credit in mathematics.* MESSRS. GERE AND VAN ALSTYNE.

1-2B. ANALYTIC GEOMETRY; CALCULUS. First semester: topics from plane analytic geometry including the straight line, circle, conics, and polar coordinates. Second semester: an introductory course in the differential and integral calculus, with applications to algebra, geometry, and mechanics. *Prerequisite, 1-2A, or at least three and one-half units of entrance credit in mathematics, including plane trigonometry.* MESSRS. GERE AND VAN ALSTYNE.

3-4. CALCULUS, ANALYTIC GEOMETRY. Further study of the differential and integral calculus, and analytic geometry, including analytic geometry of three dimensions. Applications. *Prerequisite, 1-2B.*
MR. PATTERSON.

5-6. DIFFERENTIAL EQUATIONS; ADVANCED CALCULUS. First semester: the solution of simpler types of ordinary differential equations, with applications to physics. Second semester: special topics from the calculus, including elliptic integrals, Fourier series, gamma and Bessel functions, partial differentiation, partial differential equations. Applications. *Prerequisite, 3-4.* MR. GERE.

7-8. DIFFERENTIAL GEOMETRY; PROJECTIVE GEOMETRY. First semester: an introduction to the metric differential geometry of curves and surfaces in three dimensions. Second semester: elementary synthetic projective geometry involving first and second degree forms, constructions, and an introduction to postulate theory. *Prerequisite, 3-4.* MR. PATTERSON.

9-10. SURVEY COURSE. A survey of the earlier courses in algebra, analysis, and geometry, introducing material that had previously been omitted, supplying rigorous proofs for many theorems, and studying briefly the logical foundations of the science. A preparatory course for those planning either to teach mathematics or to take graduate study in it. *Open to those who have elected 7-8.*
MR. PATTERSON.

11-12. ADVANCED CALCULUS; TENSOR ANALYSIS. First semester: special topics from the calculus, including partial differential equations, line integrals, Green's and Stokes's theorems, differential geometry. Second semester: the calculus of vector and tensor analysis, with applications to physics and geometry. *Open to those who have elected 5-6 and 7-8.* (Not offered in 1949-50.) MR. PATTERSON.

13-14. MATHEMATICS OF FINANCE AND STATISTICS. An introductory course in the mathematical methods and principles of statistical analysis, investments, and business. Type problems, chosen from the fields of education, business, and the experimental sciences, are studied in detail. *Prerequisite, 1-2A or its equivalent.* (Will not count toward a major in mathematics.) MR. GERE.

MUSIC

Messrs. Shute and Baldwin

1-2. The Fundamentals of Music. The essentials of notation, sight-singing, ear-training, harmony, music forms, and orchestration deduced from the study of orchestral scores of Mozart, Haydn, Beethoven, and Schubert. No previous knowledge of music is necessary. *Open to juniors and approved underclassmen.* Mr. Shute.

3-4. Choral Music. The singing, largely *a cappella,* of church music; selections from such great composers as Palestrina, Bach, Haydn, Byrd, Händel, Mendelssohn, from the liturgy of the Russian Church, from Negro spirituals, and from composers of the modern schools. Those taking this course constitute the College Choir. *Open, with the approval of the instructor, to all undergraduates in regular standing. The basis of approval is ability to sing. Three hours a week throughout the year. Credit, one hour each semester.* Mr. Shute.

5-6. The History of Music. A study of composers and their works, the evolution of forms and styles, and the relation of all these to the culture that produced them from ancient Greek times to the present. *Prerequisite, 1-2.* Mr. Shute.

7-8. Elementary Composition. A course designed to train students in writing in the smaller forms both vocal and instrumental. Elementary harmony and ear-training are studied systematically, but the emphasis is on actual creative composition. Applicants for this course must understand thoroughly the rudiments of musical theory and play some instrument. *Open to approved sophomores.*
Mr. Baldwin.

9-10. Composition. A continuation of 7-8, with emphasis on chromatically altered chords and counterpoint. *Prerequisite, 7-8.*
Mr. Baldwin.

11-12. Advanced Composition. Invertible counterpoint, canon, and fugue. Composition in the larger forms and elementary orchestration. *Prerequisite, 9-10.* Mr. Baldwin.

For those desiring individual instruction in instrumental or vocal music, excellent teachers are available. A practice room is maintained

by the College which may be rented for one hour daily at $15.00 for the college year.

There are also available for student use a large collection of phonograph records and a comprehensive section in the College Library devoted to music and musicians.

TEACHER'S CERTIFICATE. The courses in music offered at Hamilton College only partially cover the subjects required by the State of New York for a music teacher's certificate. If a student is technically proficient on some instrument it is usually necessary to spend only one additional year at one of the institutions which prepare students for this certificate.

PHILOSOPHY

MESSRS. BLYTH AND HAYNER

1-2. AN ANALYSIS OF THE NATURE AND STRUCTURE OF THE REASONING PROCESS. A study of the factors involved in both valid and invalid reasoning as found in formal, empirical, and normative fields of thought. *Open to sophomores. Enrollment limited to fifteen.*
MR. BLYTH.

3-4. THE HISTORY OF PHILOSOPHY. A study of the philosophical classics of western civilization. The most important contributions of outstanding thinkers from early Greek times to the present will be considered. *Open to sophomores.* MESSRS. BLYTH AND HAYNER.

5-6. MODERN PHILOSOPHY. A study of the development of modern philosophy and the contributions of outstanding contemporary thinkers. *Prerequisite, 3-4.* MR. BLYTH.

7-8. PHILOSOPHICAL FOUNDATIONS OF MODERN SOCIETY. A systematic examination of the philosophical problems and methods underlying the political, social, and economic developments of modern society. *Prerequisite, 3-4. Enrollment limited.* MR. BLYTH

PHYSICAL EDUCATION

MESSRS. WEBER, JONES, PANATIER, AND DUGAN

During their first three years in residence, all students participate in the individual development program in physical education. This

program is based on the theory that it is as important to develop a good physique and a love of sport in the average man as it is to provide scope for the brilliant athlete.

All students are tested at the beginning of their college career to discover their individual needs. Four tests are given to men who qualify in the medical examination: (1) physical fitness, (2) swimming, (3) skill in one outdoor carry-over sport, (4) skill in one indoor carry-over sport. The type of program pursued by each student is determined by his performance in these tests.

Men in whom the medical examination discloses organic defects or functional disabilities enter an individualized program approved by the College Physician.

Facilities and instruction are provided for the following sports: badminton, baseball, basketball, boxing, football, golf, handball, soccer, speedball, hockey, skating, skiing, squash, swimming, tennis, touch football, track, volleyball, and wrestling.

A series of conferences in Health Instruction is required of all men during their first year in residence.

PHYSICS

MESSRS. CAMERON AND ARLOTTO

1-2. GENERAL PHYSICS. An introduction to the concepts and principles of classical and modern physics. *Prerequisite, plane trigonometry. Laboratory fee, $2.50. Open to freshmen with sufficient preparation in mathematics.* MESSRS. CAMERON AND ARLOTTO.

3-4. ATOMIC PHYSICS. The fundamental particles of modern physics and their roles in gaseous conduction, photoelectricity, atomic structure, x-rays, cosmic rays, nuclear disintegration, etc. *Prerequisites, 1-2 and Mathematics 1-2B. Laboratory fee, $10.*

MR. CAMERON.

5-6. MECHANICS. The statics and dynamics of particles and of rigid bodies, elasticity, periodic motions, and the mechanics of fluids. Calculus and vector methods are used throughout, the solution of problems being strongly emphasized. *Prerequisites, 1-2 and Mathematics 3-4.* MR. ARLOTTO.

7-8. HEAT AND THERMODYNAMICS; OPTICS. First semester: the principles of thermometry, transfer of heat, and thermodynamics with applications to selected mechanical and chemical systems. Second semester: the fundamental phenomena of light considered as a wave motion. Some time will also be devoted to the optics of lens systems. *Prerequisites, 1-2 and Mathematics 3-4. Laboratory fee (for the second semester), $5.* (Not offered in 1949-50.)

MR. ARLOTTO.

9-10. ELECTRICITY AND MAGNETISM. Direct and alternating current phenomena, electromagnetism, and an introduction to electronics. *Prerequisites, 5-6 and Mathematics 3-4; but 5-6 and 9-10 may be taken together in senior year. Laboratory fee, $10.*

MR. CAMERON.

POLITICAL SCIENCE

MESSRS. LENCZOWSKI, HEALY, AND WELCH

1-2. THE PROCESS OF GOVERNMENT. An introduction to the activities and organization of government in the United States today, with special attention to policy-forming. *Open to freshmen.*

MESSRS. HEALY AND WELCH.

3-4. FOREIGN GOVERNMENTS. A comparative study of contemporary government and administration, especially in the British countries, France, China, and the Soviet Union. Attention will be given to the influence of government on economic development and the raising of the standard of living. *Prerequisite, 1-2.* MR. HEALY.

5-6. INTERNATIONAL RELATIONS. First semester: the study of the relations between sovereign states as represented by traditional diplomacy. Second semester: the structure and functions of international organizations, including the United Nations. *Prerequisite, 1-2.*

MR. LENCZOWSKI.

7-8. AMERICAN DIPLOMACY. A history of the foreign relations of the United States with particular emphasis on the twentieth century and on democratic control of foreign policy. *Open to juniors. Prerequisite, 1-2.* (Not offered in 1949-50.)

9-10. CONSTITUTIONAL LAW. First semester: a history, illustrated by leading cases, of the development of constitutional principle and law in the United States. Second semester: a study, basically by the case method, of changing concepts of the constitutional rights of individuals. *Open to juniors. Prerequisite, 1-2.* MR. HEALY.

11-12. HISTORY OF POLITICAL THEORY. A study of the changing role of government and administration in human society, with readings from classical and contemporary political and social thinkers. *Open to juniors. Prerequisite, 1-2, or the consent of the instructor.* MR. WELCH.

13-14. SEMINAR. Individual or group study of theoretical and practical aspects of political science will be open to approved seniors. MR. LENCZOWSKI.

15. PUBLIC ADMINISTRATION. A study of the management of public business, with special attention to the ways in which public policy is carried into effect. *Open to juniors. Prerequisite, 1-2.* MR. HEALY.

16. LOCAL GOVERNMENT. A study of the growth and structure of the local community and the metropolitan region. *Open to juniors. Prerequisites, 1-2, and the consent of the instructor.* Field trips involving expense are a required part of this course. MR. HEALY.

17. THE NEAR AND MIDDLE EAST. An historical and analytical study of contemporary political and economic problems of the Near and Middle East. *Open to juniors. Prerequisite, 1-2, or the consent of the instructor.* MR. LENCZOWSKI.

19-20. SOVIET UNION. First semester: brief survey of Imperial Russia: theory and structure of the Soviet State; political, economic, and social changes since 1917. Second semester: the foreign policy of the Soviet Union since 1917. *Open to juniors. Prerequisite, 1-2, or the consent of the instructor.* (Not offered in 1949-50.) MR. LENCZOWSKI.

21-22. LATIN AMERICA. A survey of historical, geographic, political, economic, social and international factors contributing to the development of Latin America, with primary attention to the twentieth century. *Open to juniors. Prerequisite, 1-2.* (Not offered in 1949-50.)

PSYCHOLOGY

MESSRS. SCHOEN AND LUNDIN

1-2. GENERAL PSYCHOLOGY. An introduction to psychology designed to bridge the gap between the common sense and the scientific understanding of human behavior. Emphasis is laid on the principles governing the origin, development, and structure of personality, and their application to specific cases. Writing of case studies required. *Open to sophomores.* MESSRS. SCHOEN AND LUNDIN.

3-4. PSYCHOLOGY OF PERSONALITY; CLINICAL PSYCHOLOGY. A study of the development and structure of personality; methods of analyzing personality; personality problems. Second semester: the principal psychotherapies used in dealing with these problems. *Prerequisite, 1-2.* MR. LUNDIN.

5-6. SOCIAL PSYCHOLOGY; INDUSTRIAL PSYCHOLOGY. First semester: a study of those factors influencing behavior which are largely environmental: the family, social class, education; the application of psychological principles to the understanding of modern social movements. Studies of social attitudes are conducted as class projects. Second semester: applications of psychological principles to industry. Personnel problems: morale, measurement of proficiency, motivation, fatigue, and learning. *Prerequisite, 1-2.* MR. SCHOEN.

PUBLIC SPEAKING

MESSRS. MARSH, HUNT, CARSON, AND LEWIS

All courses for freshmen and sophomores are required. Normally, juniors elect at least two of the courses in Public Speaking offered to their class, and seniors elect one of the senior courses. Currently, one course is offered to juniors and one to seniors. All are one-hour courses unless otherwise stated.

1-2. FRESHMEN SPEECH. The elements of public speaking. Each freshman appears twice during the first semester with prose declamations 350-400 words in length. Two drills are required for each appearance. The two speeches of the second semester are given extempore on approved subjects. Outlines and conferences.

MESSRS. MARSH, CARSON, AND LEWIS.

3-4. SOPHOMORE SPEECH. Each sophomore carries this course for one semester, in which he makes two extempore speeches, each of six to eight minutes in length. Conferences are required for each appearance. MESSRS. MARSH, CARSON, AND LEWIS.

5-6. SOPHOMORE SPEECH COMPOSITION AND ARGUMENTATION. Study and practice in gathering materials for speeches and in outlining and organizing different types of speeches. Classroom study of the theory of argumentation and debate, including the analysis of propositions, methods of proof and rebuttal, briefing, and platform practice. An introduction to parliamentary procedure. The course combines both written and oral work. A textbook is used. *Two hours a week.* MESSRS. MARSH, HUNT, CARSON, AND LEWIS.

7-8. JUNIOR DISCUSSION. Original argumentative speeches, affirmative or negative, which lay stress on persuasion, 700-900 words in length. Each man who elects this course speaks twice each semester. *Prerequisites, 3-4 and 5-6.* (Not offered in 1949-50.)

9-10. JUNIOR DEBATE. Advanced classroom debates. Each man who elects this course debates twice each semester. Conferences required for all debates. *Prerequisites, 3-4 and 5-6.* (Not offered in 1949-50.)

11-12. JUNIOR EXTEMPORANEOUS SPEAKING. The purpose of the course is to give every man an opportunity to appear frequently before his sectional group, and to offer training in standard forms, such as speaking to entertain, to inform, to convince, and to persuade. Topics are approved and outlines submitted well in advance of the date when speeches are given. A textbook is used.

MESSRS. MARSH AND CARSON.

13-14. SENIOR ORATIONS. Each man appears twice each semester with original orations on approved subjects, 900-1100 words in length. (Not offered in 1949-50.)

15-16. SENIOR DEBATE. Advanced classroom debates. (Not offered in 1949-50.)

17-18. SENIOR EXTEMPORANEOUS SPEAKING. On the same general plan as 11-12. MESSRS. MARSH AND HUNT.

19-20. DRAMATIC INTERPRETATION. Classroom reading and acting of modern plays for the purpose of developing physical expression and understanding of the basic technique of acting. *Open to juniors approved by the instructor. One hour a week. With the consent of the instructors involved, credit for Public Speaking 19-20 may be substituted for Public Speaking 11-12 or 17-18.* MR. JOHNSON.

SPANISH

MESSRS. OBLETZ, PIANO, AND RAMIREZ

1-2. ELEMENTARY SPANISH*. Pronunciation, and writing from dictation. Forms and rules of syntax with emphasis on their practical application; oral exercises. The reading of selected passages on Hispanic civilization and of graded short stories for translation and comprehension. *Open to freshmen. Freshmen who take this course receive credit for it only upon completion of Spanish 3-4. Others may receive credit for Spanish 1-2 only upon recommendation by the head of the Department. Five hours a week throughout the year.*
MESSRS. OBLETZ AND RAMIREZ.

3-4. INTERMEDIATE SPANISH. Continued practice in composition, dictation, and oral drill. Intensive study of works of representative authors, and extensive reading and sight translation. This course is conducted in Spanish as much as possible. *Prerequisite, 1-2, or two or three units of entrance Spanish. Required of sophomores who have taken 1-2 as freshmen.* MESSRS. OBLETZ AND PIANO.

5-6. ADVANCED SPANISH. Readings in modern Hispanic literature, studied intensively. This course is conducted largely in Spanish and emphasizes the written as well as the oral use of the language. *Prerequisite, 3-4.* MESSRS. OBLETZ AND RAMIREZ.

7-8. COMPOSITION AND ORAL PRACTICE. A practical course in the language, limited to twelve students. *Open to those who have elected 5-6.* MESSRS. OBLETZ AND RAMIREZ.

11-12. MAIN CURRENTS OF SPANISH LITERARY GROWTH. A study of selected masterpieces from the Middle Ages to the present. Topics

* Credit is not given for the first semester alone of any elementary language course.

are assigned for report and discussion; papers are read and criticized in the classroom. This course is conducted entirely in Spanish. *Prerequisite, satisfaction of the language requirement. Enrollment is limited.* MR. RAMIREZ.

HONORS AND PRIZES

Honors and prizes are conferred for general excellence, or for superiority in some special field. To compete for a prize, a student must be in regular standing. Prizes are awarded only to those present to receive them on commencement day, unless excuses for absence have been granted by vote of the Faculty.

Information concerning the details of oration and essay competitions may be obtained from members of the Department of Public Speaking.

COMMENCEMENT HONORS

The valedictorian and the salutatorian are the two seniors whose average grades for the course are respectively highest and second highest.

PHI BETA KAPPA

The Hamilton Chapter of Phi Beta Kappa, known as the Epsilon Chapter of New York, was established in 1870. Students are elected to membership primarily for intellectual distinction. In September the chapter may choose not more than five seniors having especially distinguished records during their first three years. Other seniors are elected in April. Except by unanimous consent of the chapter, not more than one-eighth of a class may be chosen, and normally a minimum scholastic average of 85 is required.

DEPARTMENT HONORS

Department honors may be awarded at graduation in the following subjects: Anthropology, Art, Biology, Chemistry, Economics, Education, English Composition, English Literature, Ethics and Religion, French, Geology, German, Greek, History, Latin, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Public Speaking, Spanish. To receive an honor a student normally must have an average of not less than 90 in the courses on which the honor is based, but a student whose

average is between 85 and 90 may also receive the honor by special recommendation of the head of the department. The courses required are the same as those required for majors except in the departments of English Composition, English Literature, and Public Speaking. Heads of these departments will supply further information to those interested.

THE ROOT FELLOWSHIP

THE ROOT FELLOWSHIP IN SCIENCE, established in 1894 by the Honorable Elihu Root, of the Class of 1864, is ordinarily granted for a single year of graduate study at some American or European university approved for that purpose in each individual instance by the Faculty. The stipend is $1,000, payable in equal installments in October, February, and May. The payment of each installment is conditioned on the submission to the President by the fellow of satisfactory evidence of the successful progress of his studies. To receive the third installment, the fellow must submit a comprehensive written report, which shall be filed in the college records. At the request of the Faculty, the fellow shall give a lecture or address to the College on a subject appropriate to his work.

The Root Fellow is not allowed to accept any remunerative employment during the college year without permission of the Faculty.

Any member of the senior class of high general standing who has shown marked ability and special aptitude for research in one or more of the departments of science may be nominated to the Faculty for this award by the professors of those departments. From the men thus nominated, the Faculty will select one who shall be recommended to the Trustees for appointment. The election shall be by ballot, and two-thirds of the votes cast shall be necessary for a choice.

If the Faculty finds no suitable candidate in the graduating class of any year, it may recommend to the Trustees that the fellow appointed from the preceding class be continued in the fellowship for a second year, but no longer.

CLASSICAL FELLOWSHIPS

For many years the College has contributed regularly to the support of the American School of Classical Studies at Athens

and the School of Classical Studies of the American Academy in Rome. Graduates of the College are thereby entitled to compete for the annual fellowships awarded by these Schools, and to pursue studies at either institution without payment of tuition. The contribution to the School at Athens is provided from the income of an endowment established by the will of the late Professor Edward Fitch, '86.

PRIZE SCHOLARSHIPS

No student may hold at one time more than one prize scholarship.

THE BENJAMIN WALWORTH ARNOLD PRIZE SCHOLARSHIPS

The Benjamin Walworth Arnold Prize Scholarship Fund of $20,000, given by Mrs. Benjamin Walworth Arnold in memory of her late husband, provides four prize scholarships, of which one is to be given annually to that holder of a regular scholarship in each college class who in the preceding year (or in the first semester in the case of freshmen) shall have made the best record in his college courses.

SENIOR PRIZE SCHOLARSHIPS

The following four prize scholarships are awarded for excellence in Greek, mathematics, Latin, and German as determined by the work of freshman, sophomore, and junior years and, at the discretion of the department, by a competitive examination at the end of the junior year.

Upon receiving an award the appointee must elect in his senior year at least one advanced course in the department in which the award is made and complete the senior year in this college.

THE CHAUNCEY S. TRUAX PRIZE SCHOLARSHIP IN GREEK, awarded to that senior who shall have stood highest in the Greek work of the first three years with an average grade of not less than 85. Preference will be shown to candidates who entered Hamilton as freshmen with credit in Greek.

THE EDWARD HUNTINGTON MEMORIAL MATHEMATICAL SCHOLARSHIP, founded by Alexander C. Soper, LL.D., of the Class of 1867.

THE ARTHUR W. SOPER LATIN SCHOLARSHIP.

THE DUELL GERMAN SCHOLARSHIP, founded by Hon. Charles Holland Duell, LL.D., of the Class of 1871.

THE CAPTAIN GERALD FITZGERALD DALE SENIOR SCHOLARSHIP. This scholarship is awarded to a senior who has completed his junior year with distinction in literature, language, music, science, or social science and ranks in the top tenth of a class over one hundred in number or in the top quarter of a class of fewer than one hundred. In addition he must have demonstrated his promise for useful citizenship by his character, his standing among his fellows, and his contribution to the extra-curricular life of the College.

JUNIOR PRIZE SCHOLARSHIPS

THE OREN ROOT PRIZE SCHOLARSHIPS. Two scholarships are awarded to the two juniors who have the best record in mathematics during the freshman and sophomore years, and continue that subject through the junior year.

THE RENWICK PRIZE SCHOLARSHIP IN BIOLOGY, founded by Edward A. Renwick, A.M., of Chicago, Ill., is awarded to a member of the senior or junior class appointed by the Faculty, for the study of biology during the summer vacation.

SOPHOMORE PRIZE SCHOLARSHIPS

THE FAYERWEATHER PRIZE SCHOLARSHIPS. Three scholarships of $100 each are awarded to the three sophomores who at the end of freshmen year have made the highest averages in their class. The stipends will be credited on the term bills of sophomore year. (See also Brockway Prize.)

PRIZES

DEAN ALFANGE ESSAY PRIZE. A foundation of $2,500 by Dean Alfange, of the Class of 1922, provides a prize for the student writing the best essay on a subject dealing with the growth and development of American Constitutional Government.

BABCOCK PRIZE IN PHILOSOPHY AND PEDAGOGY. A foundation of $2,000 by Edward S. Babcock, of the Class of 1896, provides a prize for that senior who shall have excelled "in philosophy, and particularly in the science of pedagogy."

BROCKWAY PRIZE. A foundation established by A. Norton Brockway, M.D., of the Class of 1857, provides a prize of $25 annually which is awarded to that Fayerweather scholar who has made the best record in the courses of freshman year.

CLARK PRIZE ORATION. A foundation of $1,000, begun by Aaron Clark, A.M., and increased by Henry A. Clark, of the Class of 1838, provides a prize for that senior who is adjudged to be the best speaker in the annual oratorical contest.

COBB ESSAY PRIZE. A foundation of $500 by Willard A. Cobb, of the Class of 1864, provides a prize for the student submitting the best essay on journalism.

CUNNINGHAM ESSAY PRIZE. A foundation of $500 by John Howard Cunningham, of the Class of 1866, provides a prize for the senior submitting the best essay on some phase of the life of Abraham Lincoln.

CURRAN PRIZE IN GREEK AND LATIN. A foundation of $700 by relatives of Col. Henry H. Curran, of the Class of 1862, provides a prize in Greek and Latin, offered to juniors. The award is determined by written examinations in Greek and Latin. The competition in a given year is based upon Greek 5-6, 7-8, or 9-10, and upon Latin 5-6, or 7-8.

NELSON CLARK DALE, JR., PRIZE IN MUSIC. A foundation in memory of Captain Nelson Clark Dale, Jr., U.S.M.C.R., of the Class of 1942, established by his parents, provides a prize for that student who has shown exceptional ability in music as composer, interpreter, or leader, or who has contributed most to the musical life of the College. All students in good standing are eligible for this prize. The Committee of Award shall consist of members of the Department of Music and a suitable senior to be selected by the Department.

DARLING PRIZE IN AMERICAN HISTORY. A foundation by Charles W. Darling, supplemented by a friend of the College, provides a prize

for the senior having the most distinguished record in at least two courses in American history offered to his class.

GOLDING ESSAY PRIZE. A grant of $200, to be made annually by Dean Alfange, of the Class of 1922, in memory of the late Major Arnold H. Golding, a graduate of Dartmouth College killed in the war, provides a prize "for the best paper dealing with the promotion of racial and religious understanding in the United States."

HAWLEY PRIZES IN GREEK AND LATIN. A foundation of $500 by Martin Hawley, of the Class of 1851, provides two book prizes, equal in value, one for excellence in Greek, and one for excellence in Latin. The awards are made to the students who have the best records in Greek 3-4 and Latin 3-4, respectively.

HEAD PRIZE ORATION. A foundation of $1,000 by Franklin H. Head, LL.D., of the Class of 1856, provides a prize for the senior writing the best oration upon a theme relating to Alexander Hamilton.

HOLBROOK PRIZE IN BIOLOGY. A foundation of $1,000 by David A. Holbrook, of the Class of 1844, provides a prize for the senior having the best record in three year-courses in biology.

HUTTON ESSAY PRIZE. A foundation of $500 by William Hutton, D.D., of the Class of 1864, provides a prize for the sophomore submitting the best essay on an assigned subject in the history, translations, or literature of the Bible.

KELLOGG ESSAY PRIZES. A foundaton of $700 by Charles C. Kellogg, of the Class of 1849, provides book prizes for one junior, one sophomore, and one freshman who excel in English essays.

KIRKLAND PRIZE ORATION. A foundation of $500 by Mrs. A. R. Kirkland provides a prize for the senior writing the best oration upon a theme in biblical science.

KNEELAND PRIZE. A foundation of $1,000 by the Rev. Martin Dwelle Kneeland, D.D., of the Class of 1869, provides a prize for the student who has the best record when his grades in a year-course on the Bible and in an essay competition on an assigned biblical subject are combined.

McKinney Prize Debate. A foundation of $1,500 by Charles McKinney provides two prizes for seniors excelling in extemporaneous debate.

McKinney Prize Speaking. A foundation of $700 by Charles McKinney provides book prizes for the two men in each of the three lower classes who excel in public speaking.

Four contestants are annually chosen from each of the three lower classes upon the basis of their record in speaking up to the time of appointment. Juniors speak impromptu; sophomores give extempore speeches; and freshmen present memorized declamations. The competition is held in the College Chapel on the evening of the third Wednesday in May.

James Soper Merrill Prize. Through the generosity of James P. Soper, Jr., of the Class of 1911, a gold watch, known as the James Soper Merrill Prize, is awarded at commencement time to that member of the graduating class "who, in character and influence, has best typified the highest ideals of the College." The Faculty shall select the recipient of this award.

Norton Foundation. Thomas Herbert Norton, Ph.D., Sc.D., of the Class of 1873, has provided a foundation of $950 for the encouragement of research in chemistry, the sum to be increased in subsequent years. It is prescribed that the income in each year shall be given as a prize to that undergraduate or graduate student in the College who shall have demonstrated the greatest capacity for research in chemistry. In any year when no prize is awarded the income shall be devoted to the purchase of works of reference for the Department of Chemistry.

Pruyn Prize Oration. A foundation of $500, by former Chancellor John Van Schaick Lansing Pruyn of the University of the State of New York, given on August 5, 1863, has provided for the award annually of the so-called Pruyn Medal. Under a revision of its terms, as approved by his heirs on October 26, 1933, a money prize is offered in alternate years for the senior or junior writing the best oration on "The Political Duties of Educated Young Men."

The prize is available for 1950 and alternate years thereafter.

PUTNAM PRIZE IN AMERICAN HISTORY. The gift of Dr. Frederick W. Putnam of Binghamton, supplemented by a friend of the College, provides a prize of books for the senior having the second most distinguished record in at least two courses in American history offered to his class.

ROGERS PRIZE IN GEOLOGY. A foundation of $1,250 by E. Albert Rogers, of the Class of 1898, provides a prize for that senior having a major in geology who shall have made the best record in the courses he has taken in that department.

WILLIAM DUNCAN SAUNDERS PRIZE IN ENGLISH WRITING. A prize of $200, in memory of William Duncan Saunders, of the Class of 1925, offered by Mrs. Edward Wales Root and the late Alexander Woollcott, L.H.D., of the Class of 1909, is awarded for the best piece of student writing either submitted in manuscript or published since the last award.

Competition is open to all students. Papers are to be left at the President's office before noon on June 1. Professor Robert Barnes Rudd is the chairman of the committee of award and will nominate the other members, the majority of whom are to be from the Faculty of the College.

SOPER PRIZE THESIS. A foundation of $1,500 by Arthur W. Soper provides a prize for the best thesis on a topic in economics assigned by the Faculty.

The competition is open to all seniors who are taking a second or third year-course in economics. The thesis subject for each class is announced toward the end of the junior year. Theses are not limited as to length. They must be left at the President's office before noon of the Saturday following the spring recess. They are judged by a committee chosen by the Faculty from outside its membership.

SOUTHWORTH PRIZE IN PHYSICS. A foundation of $500 by Tertius D. Southworth, of the Class of 1827, provides a prize for the senior who excels in physics.

SQUIRES PRIZE IN PHILOSOPHY. A foundation of $2,000 by Byron B. Taggart, of the Class of 1896, in honor of the late William Harder Squires, PH.D., of the Class of 1888, provides a prize to be awarded annually, with the approval of the Faculty, to that senior who shall

have the highest grade when the marks in three year-courses in philosophy and a special examination designed for the purpose are combined.

TOMPKINS PRIZES IN MATHEMATICS. A foundation of $3,200 by Hamilton B. Tompkins, A.M., of the Class of 1865, provides two prizes for juniors who excel in mathematics. The award is made upon the basis of an examination near the close of junior year, involving the work in Mathematics 1-2, 3-4, and 5-6.

UNDERWOOD PRIZE IN CHEMISTRY. A foundation of $3,000, begun by George Underwood, of the Class of 1838, and increased by J. Platt Underwood, of the Class of 1870, provides a prize for the senior who excels in chemistry.

VROOMAN PRIZE. Through the generosity of John W. Vrooman, LL.D., a foundation of $1,000 provides a prize to be awarded to that freshman who shall have passed the best admission examination on some portion of the Greek New Testament.

WINCHELL PRIZE IN GREEK. A foundation of $1,000 by Walter B. Winchell, M.D., of the Class of 1880, provides a prize to be awarded annually, with the approval of the Faculty, to the student who, beginning Greek in college, shall have the best record in three year-courses in this language.

WINSLOW PRIZE IN GREEK. A foundation of $2,000 by the Reverend William Copley Winslow, D.D., of the Class of 1862, provides a prize to be annually awarded to a member of the sophomore class attaining the greatest proficiency in Greek for the year.

WINSLOW PRIZE IN LATIN. A foundation of $2,000 by the Reverend William Copley Winslow, D.D., of the Class of 1862, provides a prize to be awarded annually to a member of the freshman class attaining the greatest proficiency in Latin for the year.

WINSLOW PRIZE IN ROMANCE LANGUAGES. A foundation of $2,000 by the Reverend William Copley Winslow, D.D., of the Class of 1862, provides a prize to be annually awarded to a member of the junior class attaining the greatest proficiency in Romance languages during his college course.

STUDENT ORGANIZATIONS

THE STUDENT COUNCIL

The student life of the College is under the management and direction of the student body. A Student Council of nine members, on which all four classes are represented, serves as a governing board of student affairs, and meets regularly to conduct its business within the statutes established by the Board of Trustees and the Faculty.

THE HONOR SYSTEM

The examinations of the College are conducted under the Honor System, without proctors. Each student is on his honor not to give or receive aid. The administration of the system is in the hands of the Honor Court, composed of representatives of the four classes. The Court investigates all cases brought to its attention and makes recommendations to the Faculty. The use of the Library and written work in courses in English composition and public speaking are also included under the Honor System.

ATHLETICS

INTERCOLLEGIATE TEAMS. The recognized intercollegiate sports are football, soccer, basketball, ice hockey, skiing, track, baseball, golf, and tennis. In each sport the College competes with other colleges within its own class.

INTRAMURAL SPORTS. Interclass and interfraternity competition is normally held in touch football, basketball, ice hockey, track, playground ball, golf, and tennis. A student Intramural Council, with the advice of the Director of Athletics, is given full responsibility for the conduct and scope of intramural athletics.

DRAMATICS

The Charlatans, the college dramatic society, membership in which is open to all students having dramatic ability, was organized in 1909 by a group of students headed by Robert Barnes Rudd and the late Alexander Woollcott. It usually produces several plays each year. Some of its recent productions have been *Winterset, Emperor Jones, Waiting for Lefty, Journey's End, Yellow Jack, Charley's Aunt, Oedipus Rex, Saint Joan, The Play's the Thing,* and various Shakespearean productions.

The College also offers a course in Dramatic Interpretation; see Public Speaking 19-20.

DEBATING

Each year students participate in numerous intercollegiate debates on a variety of subjects. Much attention has been given in recent years to extension debates and panel discussions delivered before clubs and organizations in central New York. The facilities of four nearby radio stations are available for occasional radio broadcasts. Several Hamilton students participate in the annual state intercollegiate debate assembly. Since 1922 Hamilton College has had a chapter of Delta Sigma Rho, the national honorary forensic fraternity. This organization fosters symposium discussions and radio debating.

PUBLICATIONS

All student publications are managed by HAMILTON COLLEGE STUDENT PUBLICATIONS, an organization chartered by the Board of Trustees consisting of ten directors—five students and five members of the administrative staff and faculty. The president of the board is always a student. The directors are responsible for the editorial policy of all publications, for the adjudication of editorial problems, and for financial management. All business matters are centered in the hands of one student business manager. The Student Publications Fee (see page 76) entitles all students to receive all publications.

The student publications include *The Spectator,* a weekly newspaper, *The Continental,* a literary magazine, and *The Hamiltonian,* an annual. For outstanding work on college publications, students may be elected to the local chapter of Pi Delta Epsilon, the national honorary journalistic fraternity.

A College Press Board provides an opportunity for students interested in journalism to gain both practical experience and remuneration by serving as correspondents for newspapers published in neighboring cities. Membership on this Board counts toward election to Pi Delta Epsilon.

INTERNATIONAL RELATIONS CLUB

The International Relations Club is an undergraduate organization, with student officers and a faculty adviser, whose purpose is to

stimulate and plan student discussions on contemporary international issues. The Club meets twice a month and sponsors lectures and informal discussions conducted by the student members. It sends a delegation to the annual meeting of the Model United Nations.

MUSIC

The College Choir is an undergraduate chorus which devotes itself to the singing of the highest type of choral music. The reputation of the Choir is national. In the years just before the war it gave a recital in New York annually during its spring tour, and also broadcast from New York on a coast-to-coast network. All students in regular standing have an opportunity to compete for admission to the Choir. Ability to sing is the sole requirement; previous experience is helpful but not necessary. (See Music 3-4.)

The Hamilton College Singing Trophy is awarded annually on the basis of an interclass competition usually held one evening in May.

The Musical Art Society, an association which includes members of the Faculty, students, and alumni of the College, in normal times sponsors several concerts each year. Such artists have appeared as José Iturbi, Friedrich Schorr, Georges Barrère, Severin Eisenberger, and the Musical Art Quartet. These concerts are supplemented by informal musicales given by members of the college community and by visiting musicians.

The College Band was organized in 1932 and before the war numbered about forty-five. It is under the general direction and control of the Department of Music. Membership is open to any student who can play a band instrument. The Band plays at athletic contests and at Commencement and gives occasional concerts.

The Glee Club is an informal undergraduate organization of thirty-five members joined together for good fellowship and the fun of singing. It confines its activities to the campus. Rehearsals are held weekly. The Club sings for various college functions, and gives a concert in the spring. Membership is open to the three upper classes and to freshmen at the beginning of the second semester. Its activities and direction are under the jurisdiction of the Department of Music.

DEPARTMENTAL CLUBS

Several study clubs, directed by members of the departments concerned, meet from time to time to discuss topics related to their

fields of interest.

FRATERNITIES

The following fraternities are active at Hamilton: Sigma Phi (1831)*, Alpha Delta Phi (1832), Psi Upsilon (1843), Chi Psi (1845), Delta Upsilon (1847), Delta Kappa Epsilon (1856), Theta Delta Chi (1868), Emerson Literary Society (1882), Lambda Chi Alpha (1924), Tau Kappa Epsilon (1930), and Alpha Chi (1947).

THE SQUIRES CLUB

Early in 1939 the non-fraternity students of Hamilton organized themselves as a social unit known as the Squires Club. Headquarters for this organization have been provided by the College in the recently remodeled Squires House. The Club has shown great vigor and has arranged for its members dances, bridge and ping pong tournaments, intramural teams, and numerous other activities. Every student who is not a member of a fraternity is eligible to membership in the Squires Club upon the payment of nominal dues.

HONOR SOCIETIES

Each class has also an honorary society, for which selections are usually made in the spring.

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* Date of establishment at Hamilton.

FINANCES

RESOURCES OF THE COLLEGE

The financial resources of the College at the end of the academic year 1947-48 totaled $7,931,489.94, allocated as follows:

College Property and Buildings	$2,912,602.83
Endowment Funds	4,522,425.92
Current General Funds	298,097.17
Unrestricted and Loan Funds	198,364.02

EXPENSES

To estimate accurately what it will cost a student to attend college is in present circumstances difficult. The uncertainty that envelops all costs renders it impossible for the College to set now a scale of fees that is intended to be permanent. The schedule of fees and deposits that follows will be in effect for the academic year 1949-50. These charges will be reviewed before the next academic year, and a new scale for 1950-51, with necessary changes, will be announced in due time.

APPLICATION FEE AND REGISTRATION DEPOSIT

An application fee of five dollars (not returnable) must accompany each application for admission.

A pre-registration deposit of fifty dollars (not returnable) is required of all candidates for admission within fifteen days after the receipt of formal notice of acceptance. This fee is credited on the first semester's bill. The deposit for returning men is twenty-five dollars, payable before an appointed day in May. It also is not returnable.

FIXED FEES:

For students who matriculated before September 1, 1948

Tuition	$250.00	per semester
Overelection fee	13.75	" credit hour
Underelection fee (less than 12 credit hours), in lieu of regular tuition fee	17.50	" " "

For students who matriculated after September 1, 1948

Tuition	300.00	per semester
Overelection fee	16.50	" credit hour
Underelection fee (less than 12 credit hours), in lieu of regular tuition fee	21.00	" " "

For all students

*Room	87.50	per semester
†Board (at Commons)	13.00	" week
**Accident Insurance (optional)	12.00	" calendar year
††Infirmary fee	11.75	" semester
Student Activities fee	9.50	" "
Publications fee	4.50	" "
Graduation fee	10.00	

VARIABLE FEES:

In addition to the fixed fees listed above, a student may be subject to any of the following fees, according to his choice of courses and other opportunities mentioned:

Music practice room fee	$7.50	per semester
Record Library fee	4.00	" "
Laboratory fees (see the several courses)		

A deposit of $10.00 a semester is required of each student to cover incidental charges such as laboratory breakage, dispensary treatment at the Infirmary, and library fines. This sum is added to the semester

* This is room rent in a college dormitory. Room rent in a fraternity house varies and is decided by each fraternity.

† The rate, because of the fluctuation of food prices, is set only for the first semester, September 10, 1949, to January 25, 1950. The cost for the second semester is subject to change in the light of experience. Board in fraternity houses is set by each house.

** The College sponsors a group accident insurance policy with the Indemnity Company of North America. The policy covers hospital and doctor's care to the amount of $500 for any insured student who suffers an accident during the calendar year from September 15, 1949, to September 14, 1950. The cost is twelve dollars a year payable in full with the fall semester's bill. The insurance is optional with each student, but if he does not desire this coverage, he must notify the Controller's office of his decision by signing a form at the time of registration.

†† See page 21.

bill. Any unused balance is either credited on the bill for the next semester or returned to the student. For students taking Chemistry 5-6 or 9-10 this deposit is $25.00 a semester.

All bills for the fall semester are due and payable on November 10. All bills for the spring semester are due and payable on March 15. Any student whose bill is not paid in full on November 10 and March 15 will be excluded from classes until this bill is paid and is subject to a $5.00 penalty charge, except as is provided in the next paragraph.

If a student or parent of a student is unable to pay the bill in full on the date set, he must make arrangements with the Controller's office on or before November 10 or March 15 to pay the bill in three equal installments on November 10, December 10, and January 10 for the fall bill, or March 15, April 15, and May 15 for the spring bill. If there is a delinquency in the payment of any of the installments the penalties mentioned above will apply in each instance.

If a student enters late, is absent under discipline, withdraws, or is dropped, his board bill is prorated if he takes his meals at Commons; no other rebate is granted him. No student whose college bills are unpaid may receive a degree or honorable dismissal, or a transcript of his record.

STUDENT EMPLOYMENT

The College and community offer opportunities for part-time employment to more than one-third of the student body. Individual earnings range from a few dollars to several hundreds, according to the kind of work done. The fraternity houses on the campus provide jobs which afford board or room for from five to ten men each. All other employment is handled by the office of the Secretary of Admissions.

SCHOLARSHIPS

Two kinds of scholarships are available to deserving and properly qualified students: prize scholarships and general scholarships.

Prize scholarships, described on pages 64-65, are competitive and are awarded to students in recognition of outstanding achievement. A number of scholarship foundations, established by alumni and friends of the College, support them. No student may hold at one time more than one prize scholarship.

General scholarships exist for those who cannot meet the cost of

a college education without aid, and should not be sought by others.

These scholarships are supported in part by the income from more than fifty scholarship foundations listed on page 80, and in part by the general funds of the College. They are awarded on the basis of need, scholastic standing, character, and salutary influence in the life of the College. In accepting the assistance of a scholarship, the holder is expected to consider himself pledged to perform all his college duties creditably, to maintain a high standard of deportment, and to exercise strict economy.

The following regulations also apply:

1. All applications for scholarships must be filed with the Committee on Financial Aid, on a form provided for the purpose.
2. Stipends range in amount from $100 to $500*, depending on the student's scholastic record and need, and are credited against term bills, one-half in each semester.
3. A scholarship is awarded for a single semester but will automatically be renewed for the second semester of a college year if the conditions for retaining a scholarship are met. After two semesters a new application must be filed.
4. To retain a scholarship a student must stand in the upper half of his class at the end of a semester.
5. Students under academic or social censure are not eligible for scholarships, and if such censure follows the granting of a scholarship, the scholarship is withdrawn.
6. Scholarships are, except in rare circumstances, granted to the same applicant for not more than three years in the aggregate. If aid is granted for a fourth year, it will be in the form of a loan rather than a gift.
7. A general scholarship may not be held in addition to a prize scholarship, but it may be awarded in part to supplement it.
8. Consideration of an application for scholarship aid cannot be given until the candidate has made application for admission to the College. The granting of admission in no way guarantees the granting of a scholarship.

The University of the State of New York provides in each assembly district five competitive University scholarships, based upon the results of a comprehensive examination given by the State Educa-

* For students matriculating after September 1, 1948, the maximum is $600.

tion Department each year, and yielding $350 annually for four years. Successful competitors may enter any approved college within the State. The winning of a State scholarship does not prevent a student from being granted a Hamilton College general scholarship.

GENERAL SCHOLARSHIP FOUNDATIONS

As of June 30, 1949

ANONYMOUS, $2,500
EDWARD S. BABCOCK, $41,305
H. ROSWELL BATES, $6,000
by Lt. Col. William A. Aiken
EDWIN BAYLIES, $5,000
BEMENT, $2,020
by Albert C. Phillips
MRS. JAMES L. BRADLEY, $2,000
O. T. BUNDY, $2,000
WILLIAM BURTON, $1,500
ANDREW CARNEGIE, $57,500
LAURA CARTER, $12,000
GEORGE A. CLARK (BYNE), $5,000
CLASS OF 1867, $2,005
CLASS OF 1899, $2,516
CLASS OF 1909, $1,600
P. CHARLES COLE, $1,000
MELVILLE EMORY DAYTON MEMORIAL, $8,000
WILLIAM E. DODGE, $5,000
CHARLES HOLLAND DUELL, $10,500
GEORGE E. DUNHAM, $36,000
ETHEL KELSEY EVANS, $4,396
H. P. FERGUSON, $2,464
E. ROOT FITCH, $25,000
EDWARD FITCH, $25,000
by E. Root Fitch
ELIZABETH R. FITCH, $26,335
ROSWELL P. FLOWER, $2,000
ALEXANDER FOLSOM, $2,000
GENEVA PRESBYTERY, $1,700
CHARLES D. GILFILLAN, $2,500
A. DELOS GRIDLEY, $5,000
DAVID S. HASTINGS, $13,950
THEODORE S. HUBBARD, $3,500
D. WILLIS JAMES, $2,000
SAMUEL H. JARDIN, $4,000
MARCUS JUDSON, $1,000
HENRY W. KING, $2,000
JOHN J. KNOX, $1,500
LEAVENWORTH, $13,752
JULIA J. MACCARTEE, $9,525
(Darling Memorial)
ANNIE L. MACKINNON, $5,000
by Edward Fitch
MARQUAND, $4,000
by Alanson Trask
CHARLES G. MATTESON MEMORIAL, $1,020
HENRY SCOTT MCCALL, $1,000
NICHOLS, $748
by Erastus N. Nichols
CHARLOTTE B. SACKETT MEMORIAL, $10,569
C. C. SHEPPARD, $1,500
HORACE B. SILLIMAN, $3,000
A. W. SOPER, $10,000
JAMES P. SOPER, $2,000
S. B. STEERE, $10,000
JOHN ROGERS TERRETT MEMORIAL, $2,000
by A. P. Sloan
J. PLATT UNDERWOOD, $5,125
WALCOTT AND PETTIBONE, $9,500
HENRY WALES, $2,982
J. B. WELLS, $2,000
SYLVESTER WILLARD MEMORIAL, $2,000
by Mrs. S. Willard

In addition, two scholarships are financed by annual contributions: one of $100 by the Alumni Council, and one of $400 by the Hamilton College Association of New York City.

DEGREES AND AWARDS
1948-49

DEGREES IN COURSE
Bachelor of Arts

Bruce Raymond Abrams
John Aloysius Acker, Jr.
John Kenneth Maugham Adams
John Rollins Adams
Robert Rollins Adams
John Gamble Atkinson
Richard VanHuyck Baldwin
Jack Lester Bartlett
William Veeder Bartlett
Theodore Hamilton Bates
Robert William Bauer
James Howard Beaverson
Robert Devereux Belden
James Haskell Benjamin
Burton Joel Bishow
Charles William Brady
William Herman Brayton
Phillips Cushing Brooks, Jr.
James Leonard Burns, Jr.
Richard Carlisle Burns
Willis Raymond Burrows, Jr.
Allen Fort Caldwell
John Edward Campion
Dwight Herrick Carter, Jr.
Daniel Butterfield Carveth
Robert Fairchild Chapin
Clarence Robert Clements
Lewis Furbeck Cole, Jr.
James Willis Conboy, ΦBK
John Francis Connolly, ΦBK
Robert Parker Cook
Theodore Henry Miller Crampton, ΦBK
William Leslie Crew
Robert Emmett Curran, Jr.
John James Dapolito, Jr., ΦBK
John Arthur Davis
John Manwaring Davis
Salvatore James DeFuria
Anthony Joseph DiGregorio
Edward Clinton Everett
James Larnard Ferguson, III
Edwin Scott Francis
Franklin Drewes Fry
Raymond Walter Gau
Robert DeForest Gens
Donald Herbert Gent
Donald Frank Ghent
James Elmer Gow
Walter Harold Granata, Jr.
Clifford Paul Greck
Hiram Franklin Greene
Donald Joseph Gregory
Richard Frederick Gregory
Herbert Clifford Hansen
David Ellsworth Harden
George Cuvier Harlan
Robert Henry Held
Arthur Heller, ΦBK
Walter Josef Herz
John Habib Hobika
Sheldon Jerome Horowitch
Elliott Jay Howard
Bernard David Illingsworth
Edward Dawson Ives
Morgan Claflin Johnson
Paul Kimball Johnson, ΦBK
Francis Stanley Kantor
James Kent, Jr.
James Thompson Kerr, ΦBK

Arthur William Kidd
Andrzej Kuhn
Allen Herbert Kuntz
Frank MacDonald Larned, Jr.
William Stenger Latham
Charles Hilton Lavis, Jr.
Allan Raymond Law
Charles George Leonhardt
Charles Roscoe Lewis, II, ΦBK
Robert Burrows Lewis
Lawrence Cleveland Libby, Jr.
Robert Maurice Lipgar
Anthony Joseph Lord
Thomas Johnson Maccabe, ΦBK
John Dana MacInnes
Donald Martin Mawhinney, Jr.
John Alexander McCleave
Richard McGhee
Charles Raymond McKeen
Bruce Charles McLean
David Moncur McNiven
John Edward Mertz
John Hammond Moore
Robert James Moore
Warren Edward Moore
Charles Greenough Mortimer, III
Richard Irving Muniz
John Joseph O'Neill, Jr.
Robert Heyde Orth
Russell Barton Osborn
Donald Penrith Parker
John Temple Parker
Franklin Elmer Parks
Douglas Morris Parrott, ΦBK
Robert Arthur Peacock
Harrison Hamlin Pearce, Jr.
James Robert Pigott
Gerald John Plunkett, Jr.
Thomas Van Wyck Pope
Bertram Allen Portin
Harold James Pratt, II
Gilbert Prentiss
Bruce Edward Prum
Richard John Puglisi
John Leo Rayhill
Charles William Reeves
John Powell Ringgard
George Arthur Rivers
William Andersen Robbins, ΦBK
John Edmund Romano
Demetrius Cameron Rose
Chauncey Rowan
Mortimer Roberts Sams, III
Carmine George Scala
Valentine Emil Scalise
Norman Eugene Schmid
Alfred Rubin Schneider, ΦBK
William Benjamin Sculthorpe
Joseph Thomas Shea
Ralph Morton Shulansky
Anthony Peter Simonetti
Eugene Bruce Simpson
Gabriel Smilkstein
Gordon Ritchie Smith
Robert Wallace Smith
Karl Frederick Speitel
Charles Junior Standish, ΦBK
Judson Hughes Struble
Elwyn Lowell Swarts, ΦBK
Daniel Charles Swartz, ΦBK
Thomas O'Dowd Sweet
George Wallace Thompson, ΦBK
Roderic Greene Thompson
John Pinckney Torpats
Michael Francis Twomey, Jr.
Pliny James William Underwood
Walter Nelson Van Popering
Harold Runyon Wagner

Vanderbilt Burton Ward, Jr.
Charles Howard Weinberg, ΦBK
Dale Philip Williams
Harvard Bertrum Williamson, Jr.
Albert Jay Wright, III
Lionel Darcy Wyld

BACHELOR OF SCIENCE

Louis James D'Agostino
William Orville Spicer

HONORARY DEGREES

Master of Humane Letters

William Palmer Welsh

Doctor of Divinity

Robert Markwick Skinner
Harold Blake Walker

Doctor of Laws

Stanley Howells Fuld
Omar Nelson Bradley

Doctor of Letters

Edward Morgan Forster

HONORS

Scholarship Honors for the Course
Class of 1949

HIGH HONOR*

THEODORE HENRY MILLER CRAMPTON, *Valedictorian*
ARTHUR HELLER, *Salutatorian*
JOHN FRANCIS CONNOLLY
CHARLES JUNIOR STANDISH

HONOR

John Aloysius Acker, Jr.
James Willis Conboy
John James Dapolito, Jr.
Anthony Joseph DiGregorio
Donald Herbert Gent
Robert Henry Held
Paul Kimball Johnson
James Thompson Kerr
Arthur William Kidd
Charles Roscoe Lewis, II
Thomas Johnson Maccabe
Douglas Morris Parrott
Charles William Reeves
George Arthur Rivers
William Andersen Robbins
Alfred Rubin Schneider
Robert Wallace Smith
Elwyn Lowell Swarts
Daniel Charles Swartz
George Wallace Thompson
Walter Nelson Van Popering
Charles Howard Weinberg

* High Honor=90 or above; Honor=below 90 but not lower than 85; Credit=below 85 but not lower than 80.

CREDIT

Bruce Raymond Abrams
John Rollins Adams
Theodore Hamilton Bates
Robert Devereux Belden
John Edward Campion
Dwight Herrick Carter, Jr.
Robert Fairchild Chapin
Lewis Furbeck Cole, Jr.
Robert Parker Cook
James Larnard Ferguson, III
Edwin Scott Francis
Franklin Drewes Fry
Robert DeForest Gens
James Elmer Gow
Donald Joseph Gregory
Richard Frederick Gregory
Bernard David Illingsworth
Edward Dawson Ives
Morgan Claflin Johnson
Andrzej Kuhn
William Stenger Latham
Charles Hilton Lavis, Jr.
Charles George Leonhardt
Robert Maurice Lipgar
Donald Martin Mawhinney, Jr.
John Alexander McCleave
John Hammond Moore
Charles Greenough Mortimer, III
Richard Irving Muniz
John Joseph O'Neill, Jr.
Robert Heyde Orth
Franklin Elmer Parks
Harrison Hamlin Pearce, Jr.
Bertram Allen Portin
Harold James Pratt, II
Gilbert Prentiss
Bruce Edward Prum
John Edmund Romano
Mortimer Roberts Sams, III
William Benjamin Sculthorpe
Gabriel Smilkstein
William Orville Spicer
Judson Hughes Struble
John Pinckney Torpats
Pliny James William Underwood
Vanderbilt Burton Ward, Jr.
Harvard Bertrum Williamson, Jr.
Lionel Darcy Wyld

ELECTIONS TO PHI BETA KAPPA

Autumn, 1948

Theodore Henry Miller Crampton
Arthur Heller
Thomas Johnson Maccabe
Charles Junior Standish

Spring, 1949

James Willis Conboy
John Francis Connolly
John James Dapolito, Jr.
Paul Kimball Johnson

James Thompson Kerr
Charles Roscoe Lewis, II
Douglas Morris Parrott
William Andersen Robbins
Alfred Rubin Schneider
Elwyn Lowell Swarts
Daniel Charles Swartz
George Wallace Thompson
Charles Howard Weinberg

DEPARTMENT HONORS

Art: John Aloysius Acker, Jr.

Biology: John James Dapolito, Jr., Paul Kimball Johnson, Gabriel Smilkstein

Chemistry: John Francis Connolly, Theodore Henry Miller Crampton, John James Dapolito, Jr., Bernard David Illingsworth, Paul Kimball Johnson, Elwyn Lowell Swarts

Economics: James Willis Conboy, James Thompson Kerr, Harrison Hamlin Pearce, Jr.

Education: Charles Junior Standish

Ethics: Walter Nelson Van Popering

French: Thomas Johnson Maccabe

Geology: Charles Roscoe Lewis, II

German: Theodore Henry Miller Crampton, Arthur Heller, John Pinckney Torpats

History: Alfred Schneider, Daniel Swartz

Latin: Arthur Heller

Mathematics: John Francis Connolly, Theodore Henry Miller Crampton, Charles Junior Standish, Bernard David Illingsworth

Philosophy: Douglas Morris Parrott, Robert Wallace Smith

Physics: Elwyn Lowell Swarts

Political Science: John Edward Campion, Robert Parker Cook, James Elmer Gow, Arthur William Kidd, Alfred Rubin Schneider, Robert Wallace Smith, William Orville Spicer, Pliny James William Underwood

Psychology: Anthony Joseph DiGregorio, Arthur **Heller,** James Thompson Kerr, Robert Maurice Lipgar, **William Andersen** Robbins

Public Speaking: Arthur Heller, Walter Josef **Herz, William** Andersen Robbins, Alfred Rubin Schneider, Elwyn **Lowell** Swarts

Spanish: Salvatore James DeFuria, Harvard Bertrum **Williamson**

SCHOLARSHIP HONORS

For the Year 1948-49

SENIOR CLASS

HIGH HONOR: Messrs. Connolly, Crampton, Heller, **P. K. Johnson,** Schneider, R. W. Smith, Standish, Swartz (1), G. W. **Thompson,** Van Popering (1), Weinberg.

HONOR: Messrs. Conboy, Cook, Curran, Dapolito, **DiGregorio,** Finn, Gens, Gow (1), Held, Illingsworth, Kerr, C. R. **Lewis (1),** Maccabe, Parrott, Pearce, Portin, Reeves (1), **Robbins,** Swarts, Torpats.

CREDIT: Messrs. Abrams, Acker, Baldwin, J. L. **Bartlett,** Bates, Belden, Binder, Birkby, Bloomer, Campion, **Carter, Cole,** J. M. Davis, DeFuria, J. L. Ferguson, Flesh, Francis, **Fry, Gau** (1), Ghent (1), D. J. Gregory, Hobika, Horowitch, **Kuhn, Leonhardt,** R. B. Lewis, Lipgar, Lyon, Mawhinney, J. H. **Moore, Morell** (1), Mortimer, Musselman, O'Neill, Orth, J. T. Parker, **Pratt,** Prentiss, Prum, Rayhill, Rivers, Romano, Rose, **Sams, Smilkstein,** Underwood, Wagner, Ward, Williamson, J. M. **Wood, Wyld.**

JUNIOR CLASS

HIGH HONOR: Messrs. Goldfuss, Knauer, Lerman, **Lewis, Paganelli,** Price, Schaaf, Towell.

HONOR: Messrs. Allen, Bradley, Bush, Casper (1), **Cole, Coleman,** Drabkin, Fell, Fuller, Gardner, Krompart, Levin, **H. F. Pohl, Rice,** J. H. Seymour, E. A. Smith, Strang, Troxell, **Tuesday.**

CREDIT: Messrs. Alfange, Ashby, Bates, Beldock, **Belford, R. F.** Brown, Bull, Cooper, C. E. Davis, DeMaine, **Drummond, Elsesser,** Evans, Feichtinger, **Gillespie,** Graf, Gregoratos, **T. D. Gregory,**

(1) For fall semester only; not in attendance during the second semester.

Hagerman, Hayden, Hemenway, Holt, Jacobsen, Lawrence, Mann, Maynard, McGarity, Olsen, Page, Parr, Pilch, Porter, Siegel, Sontheimer, Steiner, D. S. Stone, Tank, W. Wilson, Yale.

SOPHOMORE CLASS

HIGH HONOR: Mr. Kaplowitt.

HONOR: Messrs. Barcay, Bowen, Doran, Huff, Hutchison, Kaufmann, R. R. Larsen, Manz, C. L. Miller, Mucklow, Palmer, Pollock, Ring, Stucki.

CREDIT: Messrs. Baldwin, Bennett, Blitz, Crump, Fairchild, Farren, Grant, Griffith, Hickman, Luers, Matzinger, McCarty, Merritt, F. M. Miller, Ohannessian, Podell, Richter, Runge, Rushmore, Scarborough, Stone, Trickey, Van Buskirk, Ver Nooy.

FRESHMAN CLASS

HIGH HONOR: Messrs. Franken, Hull, Katz, Keller, Wehmeyer.

HONOR: Messrs. Blanchard, Bridges, Curry, J. S. Davis, Fry, Helfman, R. A. Hogan, Leistyna, Ouderkirk, Retan, P. E. Robinson, S. W. Robinson, Schmidt, W. J. Schwarz, Sidway, Smith, Whitstock, Zellner.

CREDIT: Messrs. Boyajy, Brown, Brownfield, Dodson, Gander, Gulick, MacAffer, Maycock, Miller, Mosier, Mullett, Rhett, Rollins, Schottenfeld, Silvernell, Singer, Tomlinson, Vollmer, Weston.

PRIZES

June 12, 1949

Root Fellowship: Theodore Henry Miller Crampton

Benjamin Walworth Arnold Prize Scholarships:

Senior, Richard Keene Troxell

Junior, Robert Reese Larsen

Sophomore, William Anthony Wehmeyer

Truax Prize Scholarship in Greek: Theodore William Lewis

Edward Huntington Memorial Mathematical Scholarship:

Charles Victor Paganelli, Jr.

Soper Latin Scholarship: John Harry Seymour

The Duell German Scholarship: Nathaniel Mann, III

Captain Gerald Fitzgerald Dale Senior Scholarship:

Frisbie Jared Fuller

Oren Root Prize Scholarships in Mathematics: William Henry Luers
James Walter Ring

Fayerweather Prize Scholarships: Peter Allan Franken
Joseph Poyer Deyo Hull, Jr.
Arnold Marvin Katz

Babcock Prize in Philosophy and Pedagogy: Douglas Morris Parrott
Lewis Furbeck Cole, Jr.

Brockway Prize: Peter Allan Franken

Ninetieth Clark Prize Oration: Robert Burrows Lewis

Cunningham Essay Prize: Dale Philip Williams

Curran Prize in Greek and Latin: Theodore William Lewis
John Harry Seymour

Nelson Clark Dale, Jr., Prize in Music: Gordon Ritchie Smith

Darling Prize in American History: Daniel Charles Swartz

Arnold H. Golding Memorial Award: Lionel Darcy Wyld

Hawley Prize in Greek: Laurence Reed McCarty

Hawley Prize in Latin: Theodore William Lewis

Holbrook Prize in Biology: Paul Kimball Johnson

Kellogg Essay Prize: Joseph Raymond Powers

Kirkland Prize Oration: Lionel Darcy Wyld

McKinney Prize Debate: First, Alfred Rubin Schneider
Second, Elliott Jay Howard

McKinney Prize Speaking:
Juniors: First, Don Roscher
Second, Berl Benjamin Goldfuss
Sophomores: Earl Robert Huffman and David Louis Podell, Jr.
Freshmen: First, William John Schwarz
Second, Charles Addison Keeler, Jr., and
Joseph Poyer Deyo Hull, Jr.

James Soper Merrill Prize: Charles William Reeves

Norton Foundation Prize: Elwyn Lowell Swarts

Putnam Prize in American History: Charles Junior Standish

Rogers Prize in Geology: Charles Roscoe Lewis, II

William Duncan Saunders Prize in English Writing:
Frederick Bruce Olsen

HAMILTON COLLEGE

Southworth Prize in Physics: Elwyn Lowell Swarts
Squires Prize in Philosophy: Robert Wallace Smith
Tompkins Prizes in Mathematics:
FIRST, Charles Victor Paganelli, Jr.
SECOND, James Richardson Belford
Underwood Prize in Chemistry: John Francis Connolly
Winchell Prize in Greek: Theodore William Lewis
Winslow Prize in Greek: Laurence Reed McCarty
Winslow Prize in Romance Languages: William Allen Bush

REGISTER OF STUDENTS

(As of the Year 1948-49)

Class of 1950

Abdul-Wahab, Abdul Melik	*Basrah, Iraq*
Ackerman, George Robert	*Buffalo*
Alfange, Dean, Jr.	*New York*
Allen, Benjamin Daniel	*Noroton Heights, Conn.*
Alprin, Walter Joshua	*Brooklyn*
Ashby, Franklyn Henry, Jr.	*Cohoes*
Babcock, Clair Parkhill	*Hornell*
Bailey, Charles Coville	*Rochester*
Bakwin, Edward Morris	*New York*
Bannatyne, David Robert	*Bridgeport, Conn.*
Bates, Harry Cole, III	*Irvington*
Beebe, Christopher Keeney, III	*Glencoe, Ill.*
Beldock, Myron	*Brooklyn*
Belford, James Richardson	*Islip*
Binder, Frederic Alling	*Coytesville, N. J.*
Birkby, Donald Charles	*Nutley, N. J.*
Bloomer, Robert Strawn, Jr.	*Newark*
Bradley, Thomas Bernard, Jr.	*Utica*
Brandt, Erdmann Ellis	*Merion, Pa.*
Brooks, Romine Wilder	*Drexel Hill, Pa.*
Brown, John Henning	*Ridgewood, N. J.*
Brown, Robert Ferguson	*Westfield*
Bull, Douglas Stanton	*Buffalo*
Burton, Gordon William	*Lake Pleasant*
Bush, William Allen	*Sloatsburg*
Bushy, Douglas Austin	*Saratoga Springs*
Carter, Donald Spencer	*Palmyra*
Caspar, Richard Charles	*Greenlawn*
Cole, Richard Cargill	*Kansas City, Kan.*
Coleman, Harold Edward	*Utica*
Collier, James Lincoln	*Westport, Conn.*
Conklin, Robert Clayton	*Stamford*
Conte, Joseph Samuel	*Utica*
Contovounesios, Basil Evangelos	*Athens, Greece*
Cooper, William Miller, Jr.	*Orange, N. J.*

Curry, Crossan Hays	*Pittsburgh, Pa.*
Davis, Charles Eldon	*Crescent, Ia.*
DeMaine, Robert Bigelow	*New York*
Doig, Hal Frank, Jr.	*Carnegie, Pa.*
Dolan, Donald Bruce	*Skaneateles*
Donohue, Edward Vincent	*Utica*
Downing, Robert Arnold	*Brooklyn*
Drabkin, Murray	*Port Chester*
Drews, John Francis, Jr.	*Port Chester*
Elsesser, Alfred Herbert	*Elizabeth, N. J.*
Evans, Philip Lloyd	*Utica*
Feichtinger, Helmut George	*Brooklyn*
Fell, John Louis	*Westfield, N. J.*
Finn, Matthew Charles, Jr.	*Milton, Mass.*
Flesh, Alexander Smith	*Piqua, O.*
Floberg, Richard Anthony	*Rochester*
Fuller, Frisbie Jared	*Norwich*
Fulton, Douglas Aubrey	*Rouses Point*
Gardner, Donald Murray	*Oceanside*
Getman, Albert Alton	*Syracuse*
Gingras, Donald Campbell	*Lowell, Mass.*
Goldfuss, Berl Benjamin	*Newark, N. J.*
Gow, Robert Millard	*Endicott*
Gowen, Charles Allan	*Ossining*
Graf, Charles Harrison	*Ballston Spa*
Gregoratos, Gabriel	*Athens, Greece*
Gregory, Thomas Devereux	*New Rochelle*
Grimley, Richard Alan	*Yardley, Pa.*
Hagerman, Mark David	*Towanda, Pa.*
Haggerty, Walter Edward, Jr.	*Caldwell, N. J.*
Hampton, William Hately, Jr.	*Utica*
Hastings, Daniel Oren, III	*Greenville, Del.*
Hayden, Edwin Raymond	*West Webster*
Hayter, David Bruce	*Alcalde, N. M.*
Heath, Donald Read, Jr.	*Larchmont*
Hemenway, Charles Carroll	*Evanston, Ill.*
Hilfinger, Donald Edward	*Syracuse*
Hilfinger, Robert Newcomb	*Syracuse*
Hinds, William Lawyer	*Sandy Creek*

Hopps, Robert Stewart	*New York*
Horsman, Paul Douglas	*Port Jervis*
Jacobsen, Donald James	*Clinton*
Jobe, Frederick Albert	*Rochester*
Kirk, Robert Irwin	*Wilmington, Del.*
Klein, Arnold	*Brooklyn*
Klostermyer, Brooks VanSlyke	*Glen Ridge, N. J.*
Knapp, Charles Whittemore, Jr.	*Greenwich, Conn.*
Knauer, Quentin Frederick	*Rockville Centre*
Krompart, Robert James	*Tonawanda*
Langa, Paul Steven	*Jersey City, N. J.*
Lawrence, Aetius Randolph	*Poughkeepsie*
Lee, Ian Patrick	*Gloversville*
Lerman, Arnold Morton	*Newark, N. J.*
Levin, Warren Donald	*Southampton*
Lewis, Theodore William	*Oneida Castle*
Lynn, Donald McCord, Jr.	*Elmira*
Lyon, John Blakeslee, Jr.	*Buffalo*
Mackay, Robertson	*West Hartford, Conn.*
MacKenzie, William Bush	*Lowville*
Mann, Nathaniel, III	*Milford, Conn.*
Mapletoft, John Thomas	*East Orange, N. J.*
Markel, Robert Joseph	*New York*
Mayes, John Dolph	*Metuchen, N. J.*
Maynard, George Davry	*Troy*
McGarity, Frederick Walter	*Norwich*
McKeldin, Stuart Argyle	*Kenilworth, Ill.*
Messenger, Robert Allan	*Elmira*
Mullen, Joseph Arthur	*Cortland*
Murphy, George Foote	*Elmira*
Murphy, Martin Kerrigan	*New York*
Musselman, Francis Haas	*Watertown*
Nadal, Manuel Davett, Jr.	*Kent, Conn.*
Neiswanger, Robert McCormick, Jr.	*Muncie, Ind.*
Olsen, Frederick Bruce	*Port Chester*
O'Rourke, John Philip	*Lyndhurst, N. J.*
Paganelli, Charles Victor, Jr.	*Albion*
Page, William Noble, Jr.	*Lincoln, Mass.*
Parr, Donald Alfred	*Rochester*

Payne, John Robert	*Canaan*
Pilch, Frederic Robert	*Bloomfield, N. J.*
Pohl, Harold Francis	*Sherrill*
Porter, David Thomas	*Elba*
Potter, Orlando Bronson	*Saranac Lake*
Price, Robert Harold	*Forest Hills*
Rice, Charles Francis	*Elmira*
Richardson, Ned Earl	*Port Henry*
Ridge, George Edward	*Morrisville, Pa.*
Riffle, Jack Burdette	*Rochester*
Romano, Francis Eugene	*Utica*
Roscher, Don	*Chicago, Ill.*
Russell, John Frederick	*Binghamton*
Sage, Louis Davidson	*Buffalo*
Schaaf, Robert Warren	*Rochester*
Seymour, Harry Richard	*Ilion*
Seymour, John Harry	*Auburn*
Shriber, Harvey	*Binghamton*
Siegel, Robert Brayton	*Garden City Park*
Smith, Ernest Angell	*Mineville*
Smith, Peter	*Orleans, Mass.*
Sontheimer, James Albert	*Rome*
Steiner, Jerome Aaron	*Larchmont*
Stephens, Mallory	*Brewster*
Stone, Donald Sherwood	*Garden City*
Strang, Gordon Kenneth	*Tuckahoe*
Sullivan, William Robert	*Lansdowne, Pa.*
Talley, John Hays	*Syracuse*
Tank, William McCombs	*Marshalltown, Ia.*
Thayer, John Jay	*Richmond Hill*
Towell, Sydney Gilmer	*Bronxville*
Troxell, Richard Keene	*Baltimore, Md.*
Tucker, Reynold Bruner, Jr.	*New York*
Tuesday, Charles Sheffield	*Trenton, N. J.*
Underwood, Morgan Platt, Jr.	*Chicago, Ill.*
von Hake, Joseph Atkinson	*Hawley, Pa.*
von Thurn, William Janes	*Belmont, Mass.*
Warren, John Sanford	*Middletown*
Williamson, Earl Richard	*Rochester*

Wilson, Laurence Herrell	*Greenwich, Conn.*
Wilson, William	*Niagara Falls*
Wood, James Madison	*Salamanca*
Woodcock, Christopher Avery	*Greenwich, Conn.*
Yale, Daniel Isaac	*Rochester*
Yonge, Theodore Robert	*Spencerport*
Young, Donald Dusouchet	*Garden City*

Class of 1951

Aitchison, James Brantly	*Goshen*
Allen, Nelson	*Scarsdale*
Amerman, David Peter	*East Rochester*
Amis, Lewis Randolph, Jr.	*Bronxville*
Babcock, Harry Noyes	*Scarborough*
Baldwin, Donald Harry	*West Orange, N. J.*
Ball, Richard Raymond	*Rochester*
Barcay, Stephen Joseph, Jr.	*Binghamton*
Barton, John Frederick Rex	*White Plains*
Bash, Pickward James, Jr.	*White Plains*
Bath, Alan Harris	*Williamsburg, Va.*
Battenhausen, Fritz Kurt	*Larchmont*
Bellamy, Peter Kingsford	*Rochester*
Bennett, Richard Ernest	*Mayfield*
Berg, Ronald Edwin	*Kenosha, Wis.*
Bishop, David Tyre	*Syracuse*
Blitz, Herbert John	*Kew Gardens*
Bloomer, William Henry, Jr.	*Binghamton*
Bowen, Bruce Mason	*Watertown*
Brown, James Carlton	*Pulaski*
Brown, Robert Voelker	*Auburn*
Bucklin, John Hartwell	*Providence, R. I.*
Bugbee, Holbrook	*Winchester, Mass.*
Byrne, John Vincent	*Chappaqua*
Cameron, Peter Torrey	*Clinton*
Christ, Edward Hall, Jr.	*New Britain, Conn.*
Cole, Walter Horace, III	*Elizabeth, N. J.*
Combemale, Bernard François	*New York*
Content, Arthur Leland	*Stamford, Conn.*
Crump, Galbraith Miller	*Cranford, N. J.*

del Vayo, Diego Ramiro Miguel Alvarez	*New York*
Dolan, Thomas Edward	*Utica*
Doran, Charles Edward, Jr.	*Greenwich, Conn.*
Doyle, George Joseph	*Oriskany*
Doyle, Harry Vincent	*Oriskany*
Drummond, Gregory Alexander	*Oneida*
Ellis, Richard Berryman	*Albany*
Emery, Ralph Clinton	*Fairport*
Fairchild, Samuel Dunham	*Plattsburg*
Farber, Charles Welty	*New York*
Farren, Merritt Charles	*Upper Montclair, N. J.*
Fenley, Greene, III	*Grosse Pointe, Mich.*
Fishel, Gustave	*Babylon*
Freiberg, Robert Bruce	*New York*
Gillespie, Henry Rogers	*Northfield, Mass.*
Grant, John Ernest	*Amesbury, Mass.*
Griffith, Clarence Albert, Jr.	*Huntington*
Grimm, Carl Peter	*Carmel*
Hanmer, Alfred Kilbourne, Jr.	*Huntington Station*
Harding, Horace, III	*Lenox, Mass.*
Hastings, Jack Eastwood, Jr.	*Forty-Fort, Pa.*
Heinig, Charles Frederick	*Vernon*
Heinrich, Thomas Schoonover	*Lima, O.*
Hickman, Samuel Barrett	*Carmel*
Hill, John Slayter	*South Dartmouth, Mass.*
Hinchcliff, Harris Burgess	*Cortland*
Holt, John Garrett	*Yorktown Heights*
Hosley, Henry Franklin	*Sherburne*
Howell, Richard Joseph	*Auburn*
Huff, Jerome Lee	*Waverly*
Huffman, Earl Robert	*Pemberville, O.*
Huffmire, Donald Wynant	*Liberty*
Hutchison, William Robert	*Easton, Pa.*
Insley, Herbert Hutton	*Westmoreland Hills, Md.*
Jones, Rae Rogers Thornton, Jr.	*Harpursville*
Kaplowitt, Stephen Joseph	*Newark, N. J.*
Kaufmann, William	*Jefferson*
King, David Burnett	*Warren, O.*

King, Edward Larnard	*Warren, O.*
Kingsley, Leonard Edward	*New York*
Koenig, John Frederick	*Floral Park*
Landolt, John Percy	*White Plains*
Langdon, Edwin Kentish	*Hempstead*
Larsen, John Housmann	*Staten Island*
Larsen, Robert Reese	*Reading, Pa.*
Lawrence, Neil Earl	*Rochester*
Leonhardt, Herbert Albin	*Lynbrook*
Lester, Maxwell, III	*Summit, N. J.*
Long, Edward Batchellar, III	*White Plains*
Lord, Charles Delavan	*Bainbridge*
Luers, William Henry	*Springfield, Ill.*
MacLachlan, Colin	*Huntington*
Mahoney, Dennis Joseph	*Hamburg*
Manz, Richard Stephen	*Kenmore*
Mason, William Stayton, Jr.	*Great Neck*
Matzinger, Norbert Jay	*Liberty*
McCarty, Laurence Reed	*Fulton*
McClatchy, Alfred Christopher, III	*Flushing*
McMartin, Duane Adams	*New Canaan, Conn.*
Meehan, Thomas Edward	*Suffern*
Menges, Carl Braun	*Pleasantville*
Merritt, Arthur Hastings, III	*Crestwood*
Meservey, Frederick William	*Huntington*
Mesinger, John Frederick	*Bronxville Manor*
Milford, Alan Hackney	*Johnstown*
Milkey, Robert Edward	*Turners Falls, Mass.*
Miller, Charles Leland	*Elmira*
Miller, Frederick Munger, III	*Utica*
Mucklow, Neale Harmon	*Troy*
Murray, Raymond Allan	*Philadelphia, Pa.*
Noyes, John Zabriskie	*Juneau, Alaska*
Ohannessian, Simon	*Kirkuk, Iraq*
Oram, John Coffey, Jr.	*Garden City*
Oster, Gilbert Michael	*Westfield*
Paine, Emmons Gould	*West Orange, N. J.*
Palmer, David Rees	*Summit, N. J.*
Podell, David Louis, Jr.	*New York*

Pohl, George Arthur	*Sherrill*
Pollock, Donald Owen	*Brookside, N. J.*
Pound, Omar Shakespear	*Washington, D. C.*
Powers, Joseph Raymond	*Oswego*
Powers, Ronald Colgan	*Rome*
Purcell, John William	*New York*
Randall, Paul King, Jr.	*Irvington*
Reed, Robert Cameron	*Delhi*
Reeder, Samuel Johnson	*Lyons Falls*
Richter, Robert Charles	*Yonkers*
Rickenbacker, David Edward	*New York*
Rimmels, Edward Richard, Jr.	*Garden City*
Ring, James Walter	*Jamestown*
Roberts, Bradley House	*Wellesley Hills, Mass.*
Royce, Daniel Linnard	*Pasadena, Calif.*
Runge, Paul Theodore	*Utica*
Rushmore, John Wakefield	*Canandaigua*
Scala, James Mario	*Clinton*
Scarborough, Howard Otterson, Jr.	*Brooklyn*
Schmidt, Frederick Wilhelm	*Summit, N. J.*
Sherwood, Robert Merriam	*Utica*
Shultz, Hall	*Skaneateles*
Silvernail, John Drew	*Crestwood*
Sleggs, Alton Coleman	*Jamestown*
Smith, Charles Arthur, Jr.	*Oyster Bay*
Stone, Frederick Losee, Jr.	*Jamesville*
Stucki, Paul, Jr.	*West New York, N. J.*
Sullivan, Peter	*Binghamton*
Sweany, Philip Ward	*State College, Ark.*
Thomas, James Harry, III	*Waverly, Pa.*
Thornton, Harry James	*Schenectady*
Tillman, Robert James	*Norwich*
Trickey, William Walter, Jr.	*Essex Fells, N. J.*
Tuthill, Richard Villiers	*East Orange, N. J.*
Underwood, Richard Folsom	*Hancock*
Valentine, Rushmore Rowley, Jr.	*Locust Valley*
VanBuskirk, George Francis	*Odessa*
VerNooy, David Perrin	*Cortland*
Washburn, Edward Stevenson, III	*Kansas City, Mo.*

Webster, David Andrew, Jr.	*Teaneck, N. J.*
Wellin, Keith Sears	*Winnetka, Ill.*
Whitcombe, David Niles	*Rochester*
Whitman, Robert Henry	*Syracuse*
Williams, Donald Clinton	*Glenview, Ill.*
Witbeck, Robert Atkins	*West Hartford, Conn.*
Woodward, Louis Leach, Jr.	*Albany*
Worthington, Christopher Halsey	*Truro, Mass.*
Zeeveld, Peter Winthrop	*Rochester*

Class of 1952

Anderson, Robert David	*Westfield, N. J.*
Arthur, Thomas	*Glencoe, Ill.*
Ashland, William Beaman, Jr.	*Bronx*
Badenhausen, Walter Ernst	*Staten Island*
Bagwill, John Williams	*Pleasantville*
Bakken, John Edgar	*Chappaqua*
Banks, John Richard	*Chester, Pa.*
Beaven, Jack Mahlon	*Ridgewood, N. J.*
Beeching, Charles Train, Jr.	*Rome*
Birdsall, Franklin Tirrill, Jr.	*Garden City*
Bitely, Phillip Lansing	*Rome*
Blanchard, Arthur	*Parsons, Kan.*
Boyajy, Louis Donald	*Suffern*
Boynton, John Watson	*West Orange, N. J.*
Brandt, Carl Patteson	*Merion, Pa.*
Bridges, Thomas Whitney	*Elba*
Brigham, Howard Mason, Jr.	*Montclair, N. J.*
Brown, Edmund Curtis	*Phoenix, Ariz.*
Brownfield, John Ryan	*Sea Cliff*
Burlinson, John Joseph, Jr.	*New York*
Burns, John Woodworth	*Binghamton*
Campbell, Bruce Grosvenor	*Westfield, N. J.*
Campbell, Don Easton	*Rochester*
Carpenter, Thomas Sanders	*West Hartford, Conn.*
Cate, William Ward	*Montour Falls*
Clarke, Thomas Anthony	*Piqua, Ohio*
Cornelius, Robert Sherrill, II	*Orchard Park*
Cosgrove, John Brooks	*Clinton*

Cramer, Donald Edward	*Seneca Falls*
Cummings, Richard Charles	*Lowville*
Curry, Donald Charles	*Utica*
Davis, Edmund Machold	*Ellisburg*
Davis, John Frank, Jr.	*Fayetteville*
Davis, John Stewart	*Orchard Park*
Dickinson, David Codwise	*Syracuse*
Dodson, Warren Estabrook	*Scarsdale*
Douglas, Malcolm Charles	*South Euclid, O.*
Egner, John George	*Harpersfield*
Ferris, Harold Lockwood, Jr.	*Auburn*
Franken, Peter Allan	*Woodmere*
Fribush, Martin Jay	*Brooklyn*
Frisbie, Charles Daniel	*Middleburgh*
Fry, Robert Charles	*New Rochelle*
Galvin, William	*Brooklyn*
Gander, Roderick MacLean	*Wilton, Conn.*
George, Henry Louis, III	*Watertown*
Graves, Stephen Palmer	*Clinton*
Greenwood, John Eugene	*Buffalo*
Gregory, Richard Creveling	*Chevy Chase, Md.*
Griffiths, Richard Heurtley	*Clinton*
Grinwis, David Karr	*Maplewood, N. J.*
Gulick, Walter Lawrence	*Upper Montclair, N. J.*
Handly, Arthur Moore	*Malone*
Harris, Gordon William	*Kenmore*
Hartshorne, Nathaniel Harrison	*New York*
Hehmeyer, Richard Augustus	*Caldwell, N. J.*
Helfman, Richard Joel	*Brooklyn*
Hellmann, Sigmund Jehudo	*Manila, P. I.*
Hoctor, Frederick MacDonald	*Port Washington*
Hoefer, Harold Carl, Jr.	*Tully*
Hogan, Paul Marron	*Oxford*
Hogan, Richard Apgar	*Glen Ridge, N. J.*
Hoyt, John Claxton	*East Longmeadow, Mass.*
Huber, Pehr Curt	*Locust, N. J.*
Hull, Joseph Poyer Deyo, Jr.	*Tulsa, Okla.*
Hunger, George Frederick	*Scarsdale*
Insley, Gordon Earle	*Detroit, Mich.*

Jacobus, John Maxwell, Jr.	*Poughkeepsie*
Jewell, Frank Randall	*Liberty*
Jobe, Robert	*Rochester*
Johnson, Douglas	*Niagara Falls*
Karlson, Richard Dudley	*Baldwin*
Katz, Arnold Marvin	*Binghamton*
Keehn, Silas	*Scarsdale*
Keeler, Charles Addison, Jr.	*Binghamton*
Kelso, Robert Watson	*Walden*
Kesler, Peter Reed	*Oak Park, Ill.*
Kirner, Stephen Harper	*Kensington, Md.*
Lahvis, Walter Frederick	*Gowanda*
Lang, Robert Conrad	*Great Neck*
Leistyna, Joseph Anthony	*Ilion*
Lent, David Frederick	*Georgetown, Conn.*
Love, Harry Houghton	*Brooklyn*
Love, William Francis, Jr.	*Rochester*
Loveridge, Leonard Young	*Providence, R. I.*
MacAffer, Kenneth Seaborne, Jr.	*Menands*
MacQueen, Bruce Bentley	*Binghamton*
Maker, Lewis William	*Pelham Manor*
Marshall, Curtis Greenwood	*Fairfield, Conn.*
Maycock, Joseph Farwell, Jr.	*Grosse Pointe, Mich.*
McConnell, Robert Cushman	*Wynnewood, Pa.*
McLouth, Charles, III	*Palmyra*
McMillan, John Hartshorn	*Delmar*
Miller, Richard John	*Watertown*
Millspaugh, Robert Wahl	*East Orange, N. J.*
Moffat, George Barclay, Jr.	*Pleasantville*
Morehouse, Merwin, Jr.	*Rochester*
Morrisey, James William, Jr.	*Rochester*
Mosier, Paul Raymond, Jr.	*Melrose, Mass.*
Mullett, Edwin Sydney	*Williamsport, Pa.*
Murray, Raymond Richard	*Pulaski*
Nickel, James Barry	*Manhasset*
Nye, Sylvanus William	*Kenmore*
Otten, Arthur Edward, Jr.	*Kenmore*
Ouderkirk, John Thomas	*Grand Gorge*
Parker, John Lawrence	*Lockport*

Patterson, Robert Maskell	*Garden City*
Pendleton, Charles Stanton	*Binghamton*
Pope, Henry DeWolf	*Clinton*
Pritchard, Edward Emerson	*Utica*
Pyle, Robert Curtis	*West Chelmsford, Mass.*
Reach, Charles Harrison	*Summit, N. J.*
Reilly, Richard James	*Easton, Pa.*
Retan, John Walden	*Syracuse*
Rhett, William Means	*Michigan City, Ind.*
Rice, Charles Berdan	*Ridgewood, N. J.*
Robinson, James Samuel	*Kenmore*
Robinson, Philip Edmund, Jr.	*Scranton, Pa.*
Robinson, Stuart William, Jr.	*Springfield, Ill.*
Rollins, Edwin Ashley	*Scotia*
Rose, James DeWitt	*Vernon*
Rosenthal, Edward B.	*Johnstown*
Rouillard, Lawrence Hadley	*Saratoga Springs*
Rudd, Neilson	*Clinton*
Sanborn, John Clayton	*Larchmont*
Schmidt, Charles Frederick	*Rockville Center*
Schottenfeld, David	*Ridgewood*
Schwarz, John Moritz	*Tenafly, N. J.*
Schwarz, William John	*Binghamton*
Scott, James Stinson, Jr.	*Rochester*
Selch, Frederick Richard	*Lancaster*
Shea, Walter William	*Bainbridge*
Sidway, Peter	*Birmingham, Mich.*
Silvernell, George Russell	*Unadilla*
Singer, J. Peter	*New Rochelle*
Smith, Arthur Marshall	*New Brunswick, N. J.*
Squier, Joel Hyde Thorpe	*Newton Highlands, Mass.*
Stalhandske, Bertil Sven	*Stockholm, Sweden*
Stephens, Eugene Scott	*Rochester*
Stookey, Lyman Brumbaugh	*Sharon, Conn.*
Svenningsen, John Anders	*Crestwood*
Sweet, James Nelson, Jr.	*Endicott*
Thomas, Donald Marti	*Oberlin, O.*
Thomas, John Wadsworth, Jr.	*Summit, N. J.*
Tomlinson, John Richard	*Westtown, Pa.*

Vollmer, Albert Axel Hans	*Stockholm, Sweden*
Voyce, Lee Charles, Jr.	*West Englewood, N. J.*
Waite, Stephen Kron	*Olean*
Wehmeyer, William Anthony	*Ticonderoga*
Welsh, William Rodney	*Rochester*
Weston, Harry John	*Utica*
White, William Dwight, III	*Roxbury*
Whitstock, Robert Henry	*New York*
Wiener, David Leigh	*Atlantic City, N. J.*
Williams, James Moore	*Winnetka, Ill.*
Williams, Robert Nowell, Jr.	*Milwaukee, Wis.*
Wood, Peter Carver	*New York*
Wood, Roger Franklin	*Honeoye Falls*
Zellner, Donald Keith	*Troy*

SUMMARY BY CLASSES

Class of 1950	159
Class of 1951	155
Class of 1952	159
Total, three classes	473

SUMMARY BY STATES

Arizona	1	New Jersey	48
Arkansas	1	New Mexico	1
California	1	New York	312
Connecticut	19	Ohio	8
Delaware	2	Oklahoma	1
District of Columbia	1	Pennsylvania	21
Illinois	12	Rhode Island	2
Indiana	2	Virginia	1
Iowa	2	Wisconsin	2
Kansas	2	Alaska	1
Maryland	4	Greece	2
Massachusetts	17	Iraq	2
Michigan	4	Philippine Islands	1
Missouri	1	Sweden	2

Total, three classes 473

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* Term expires June, 1950. Terms of other members expire June, 1951.

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